



Basic Model : DV-530K/DV-430

DV750K(DV735K)/DV550K(DV535K)/
DV450(DV435)/DV532KV

CHANGE NOTES.

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SERVICE Manual

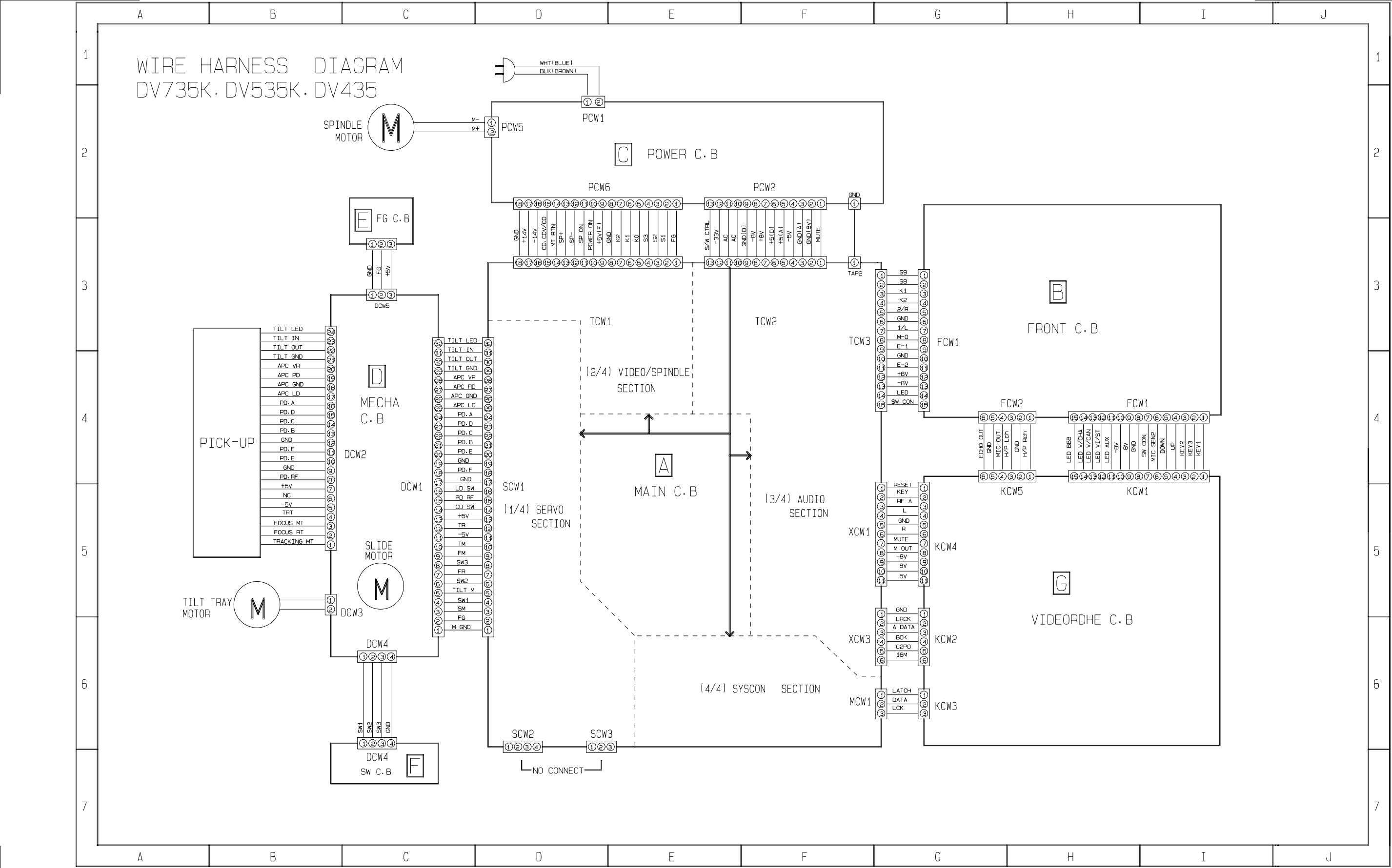


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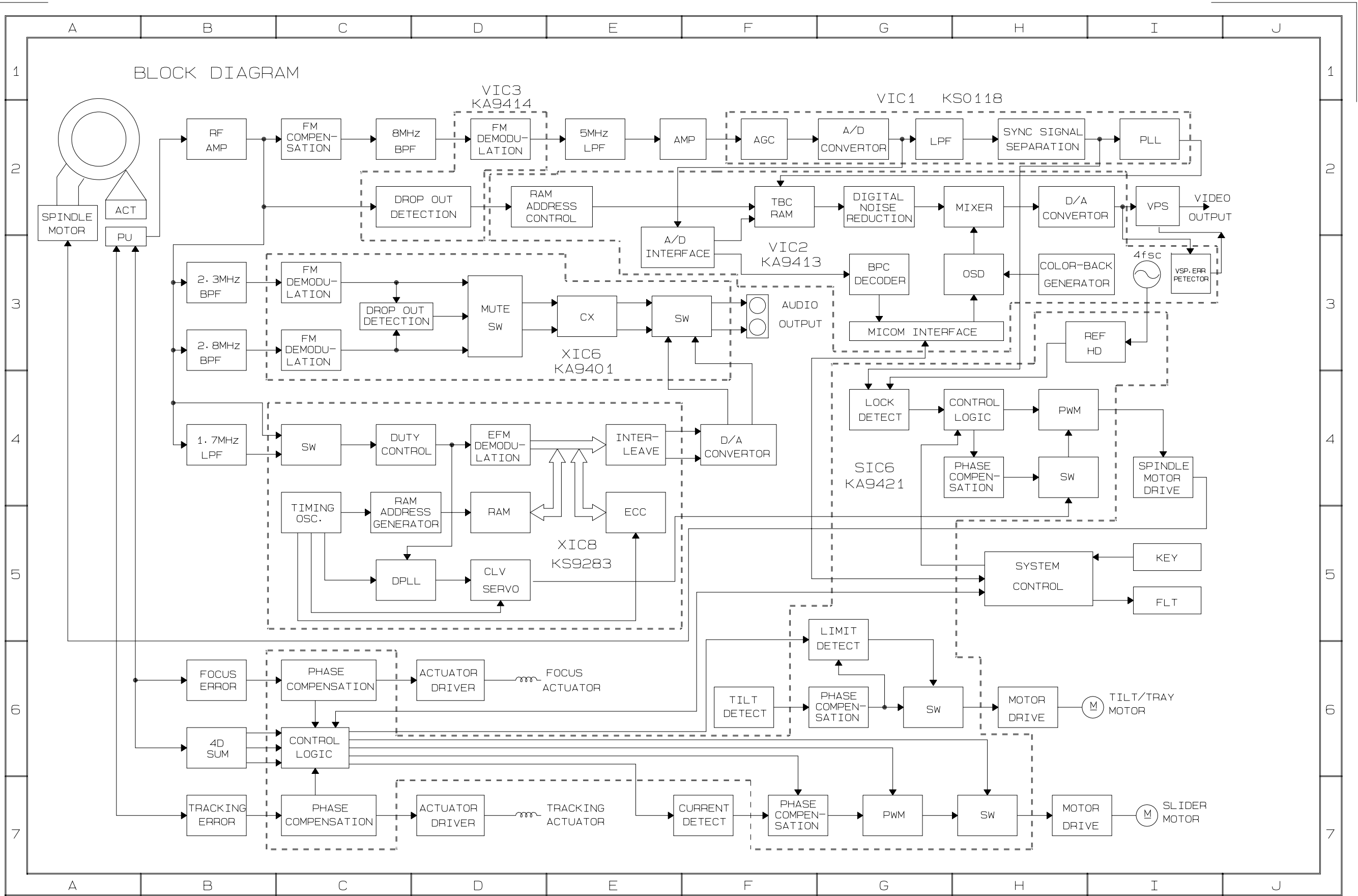
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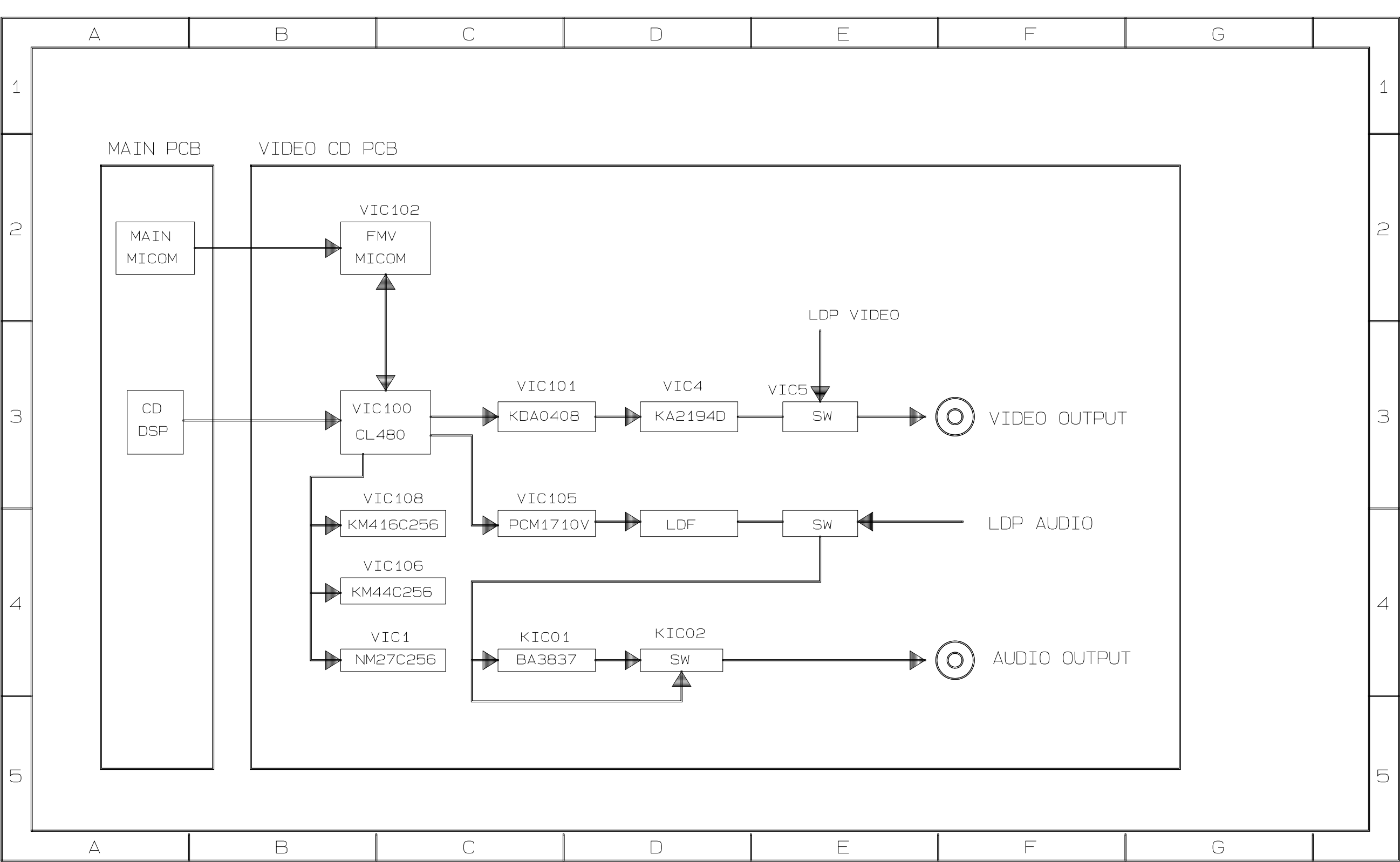
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1. Wiring Diagram
1-1 DV735K/DV535K/DV435

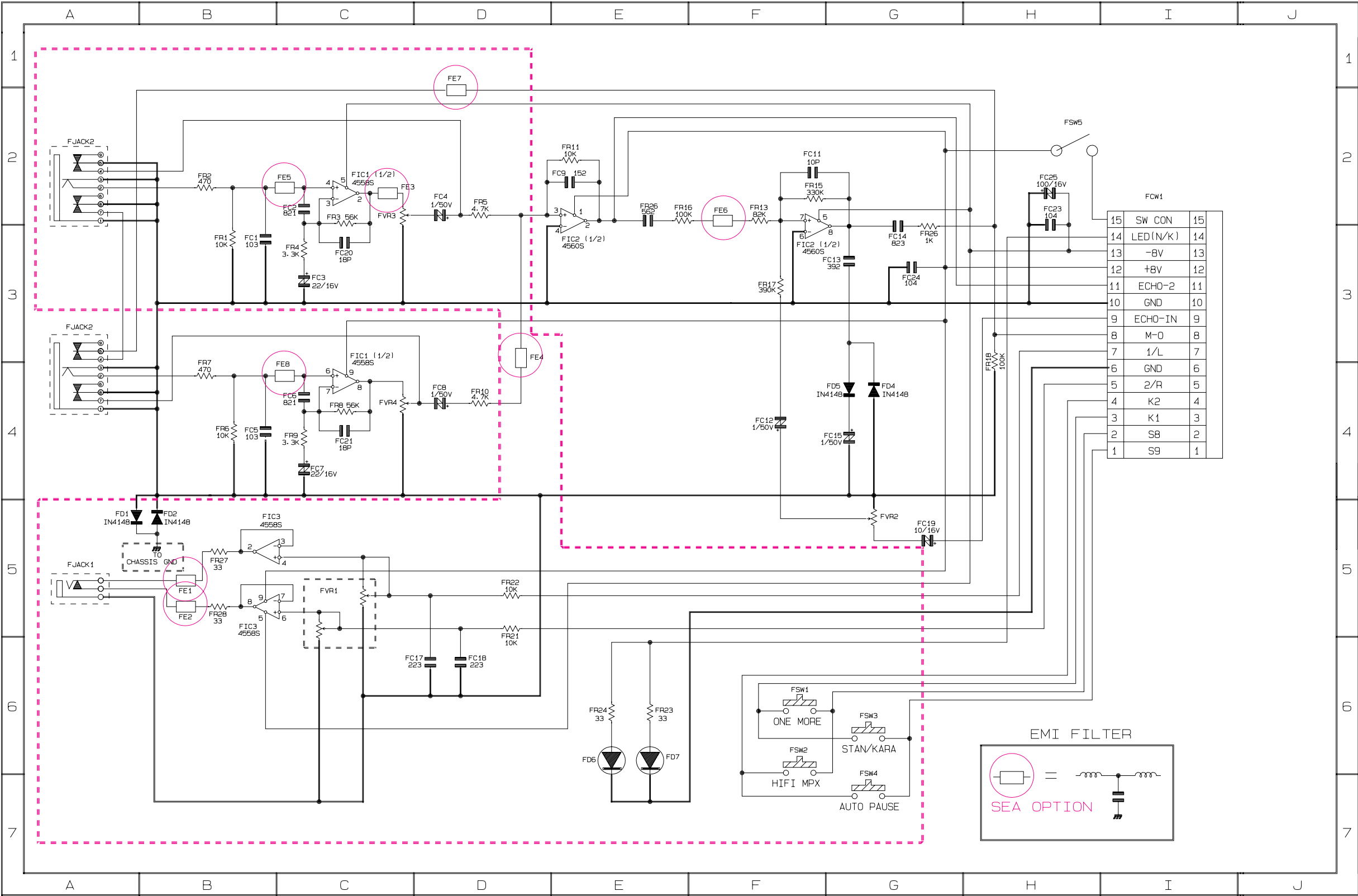


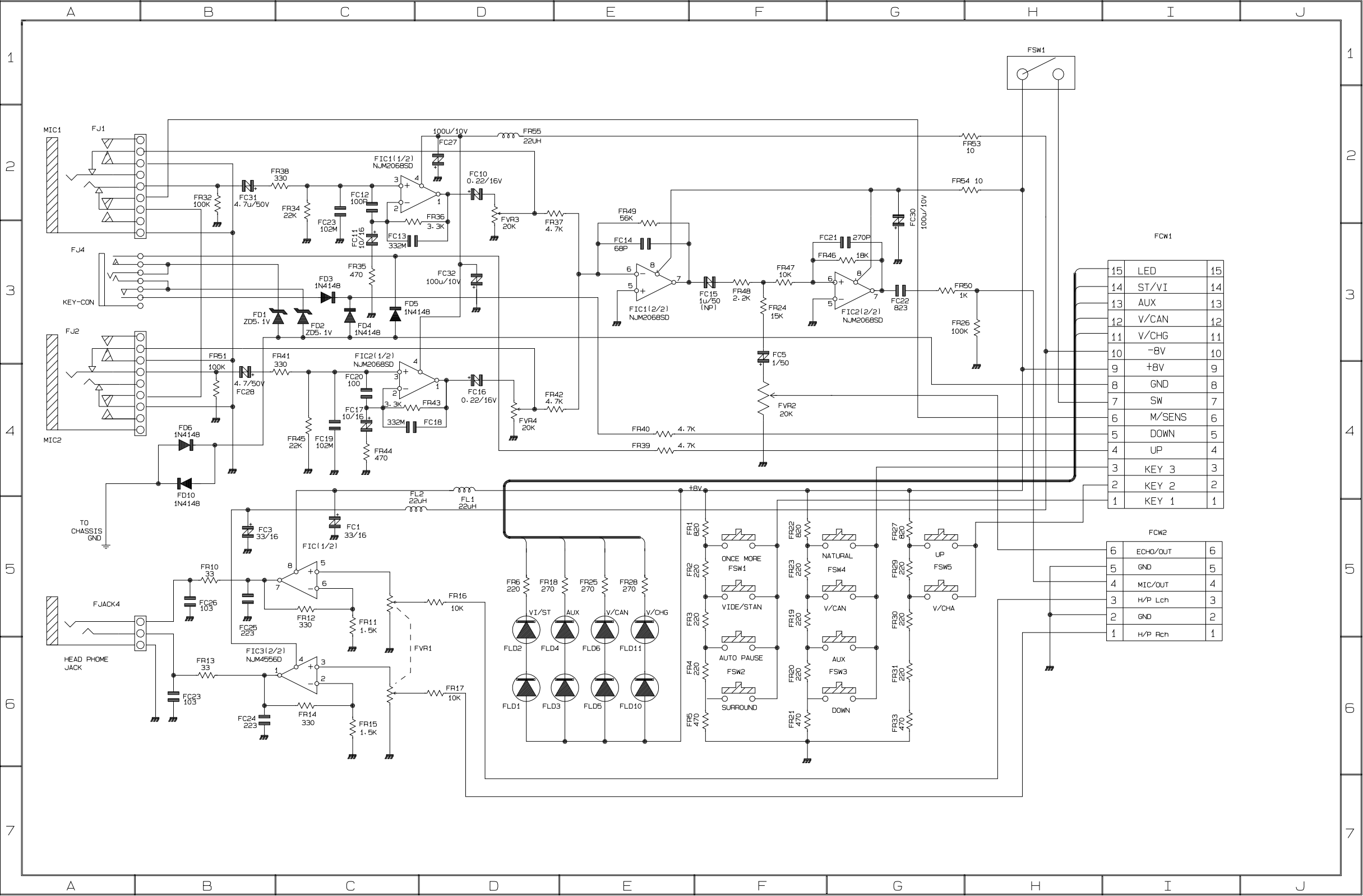
2. Block Diagram
2-1 DV735K/DV535K/DV435





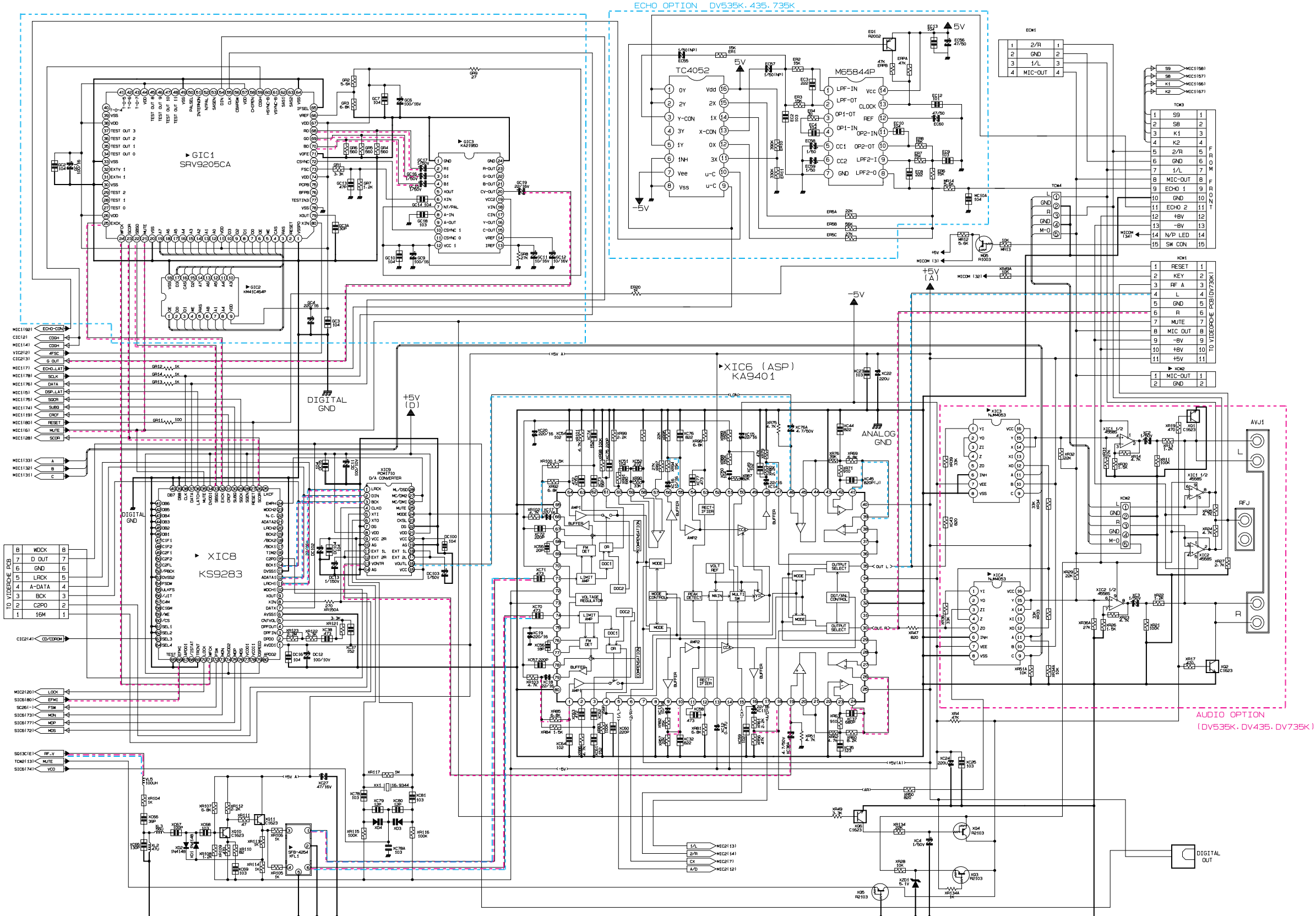
3. SCHEMATIC
3-1 FRONT
3-1-1 DV535K/DV435/DV532

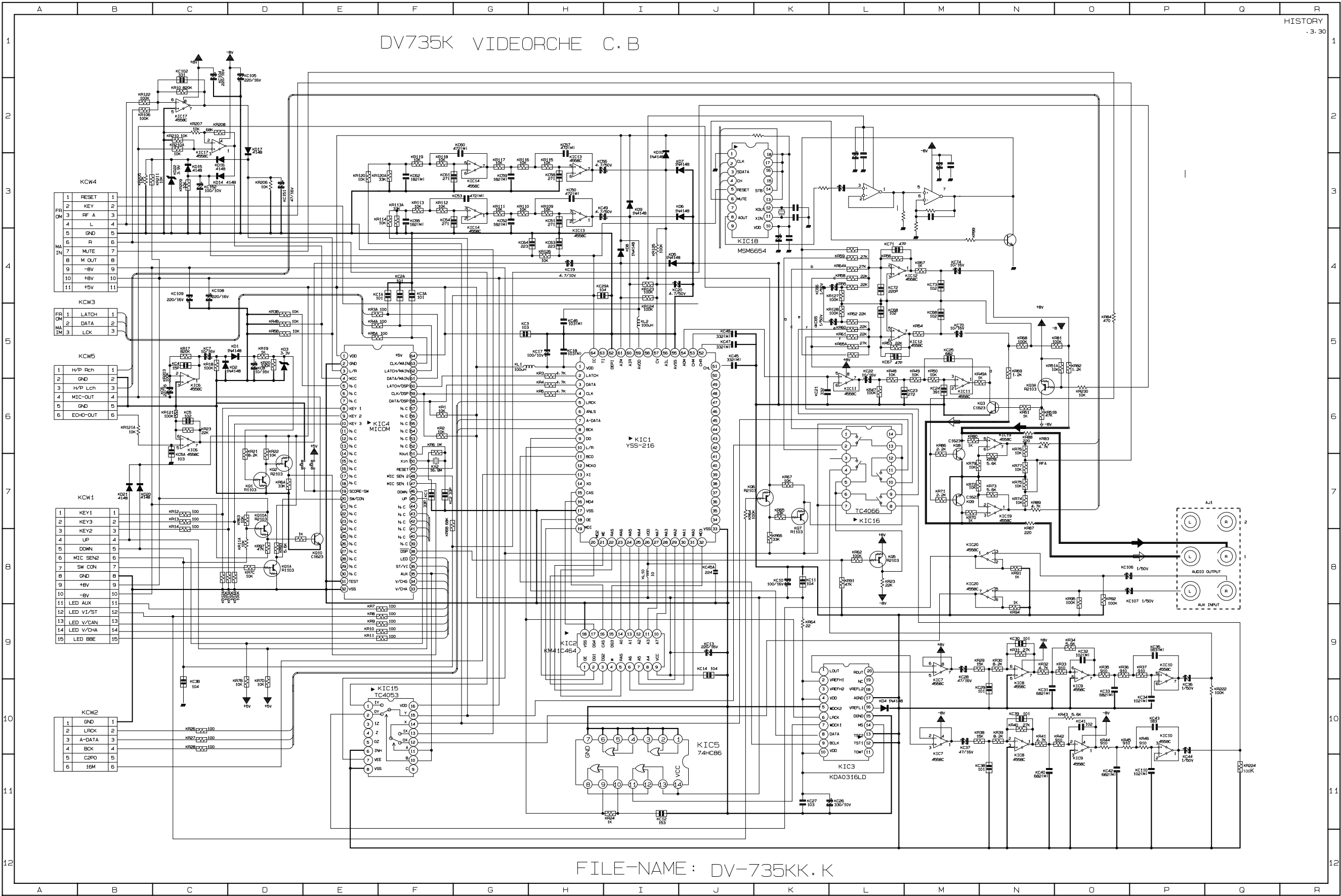


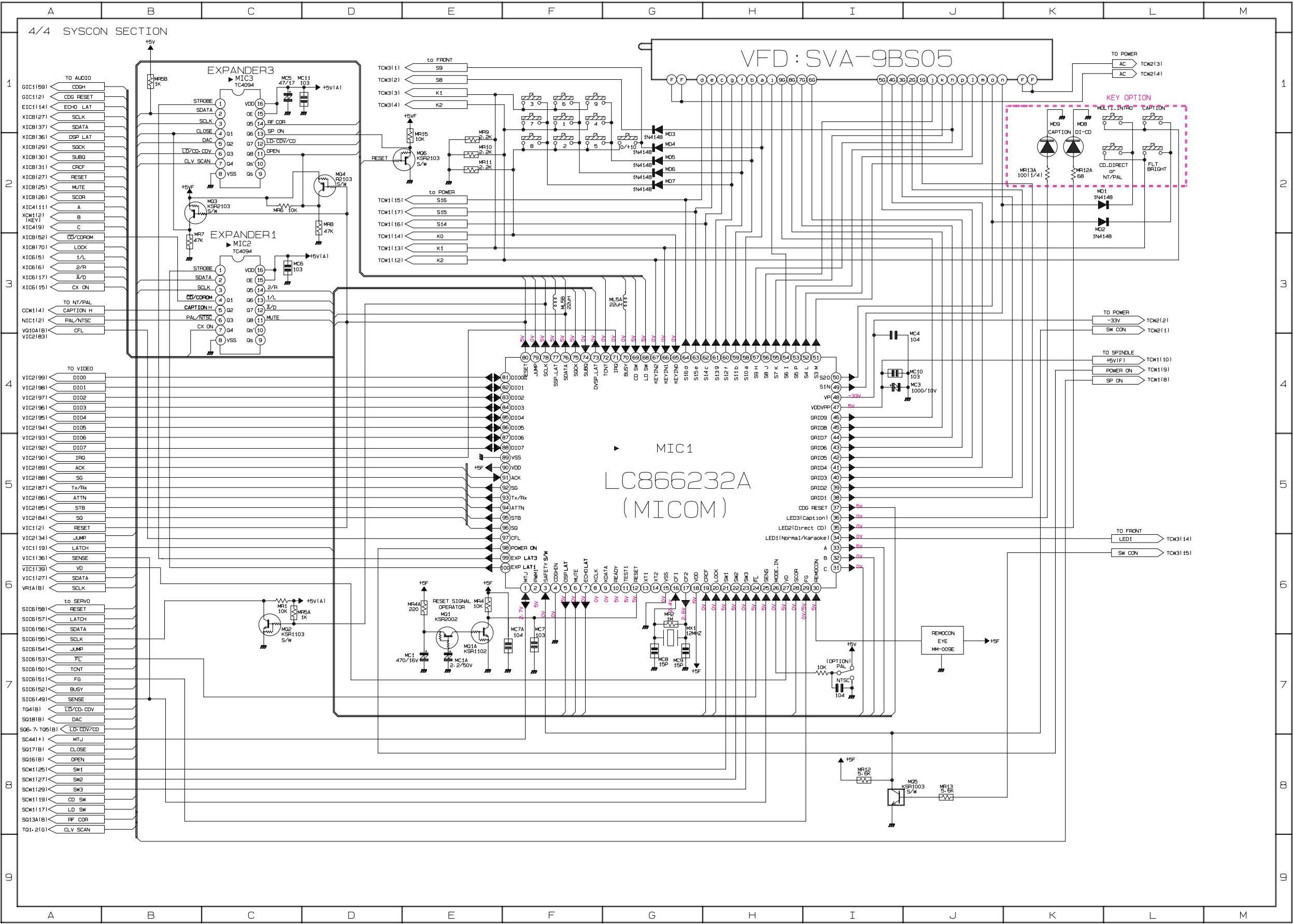


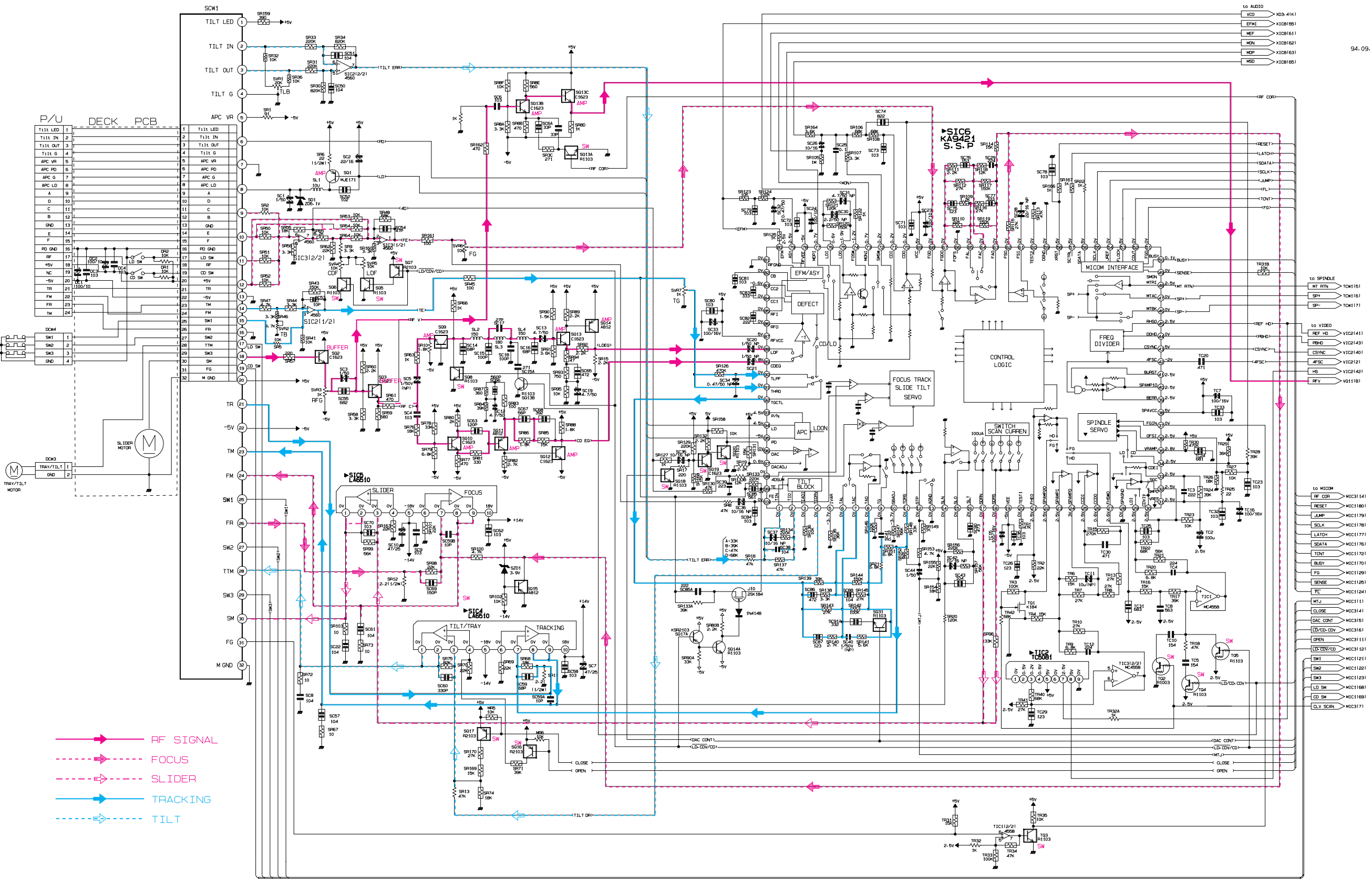
3-2 AUDIO

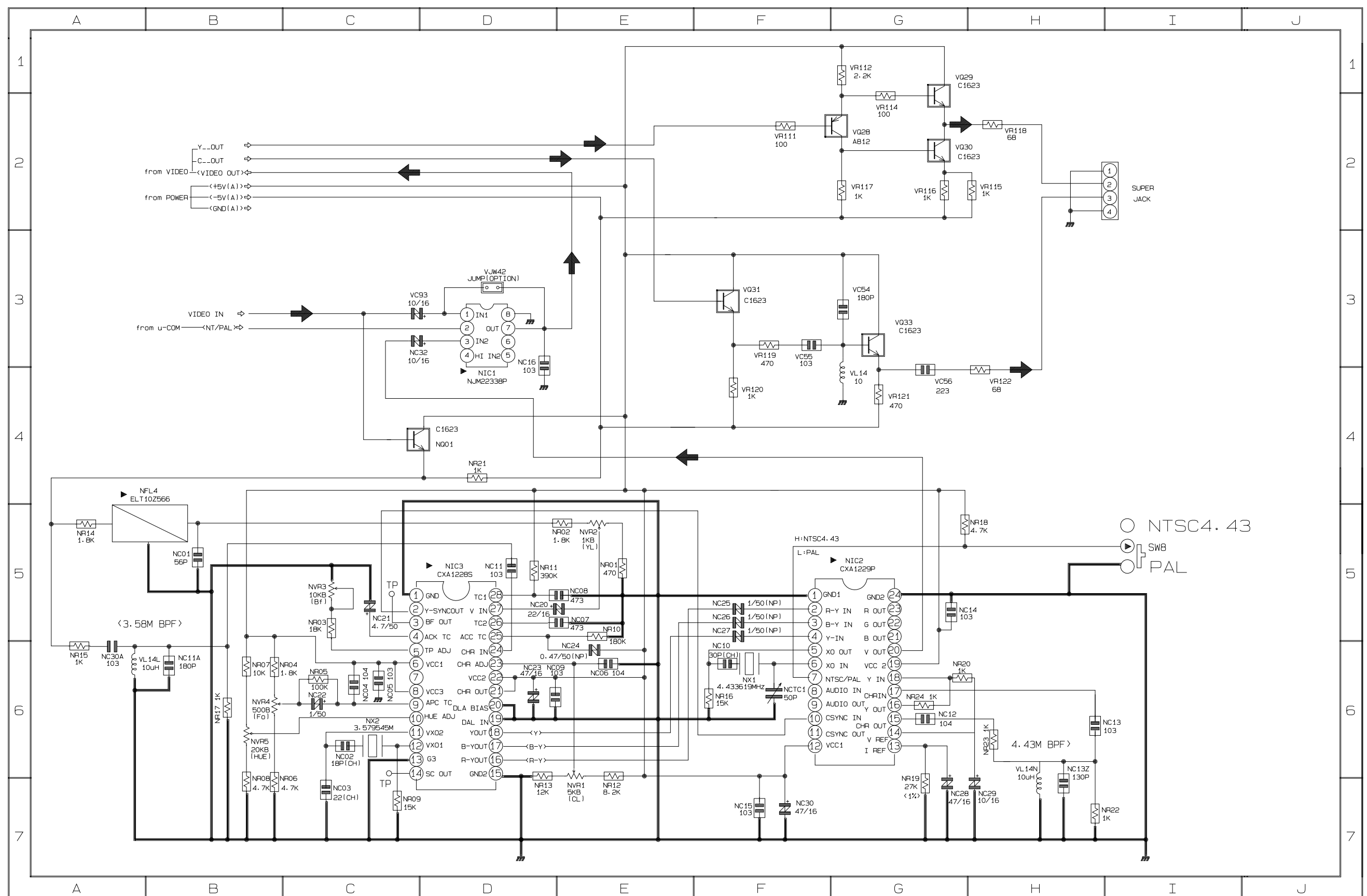
3-2-1 DV535/DV435/DV532K



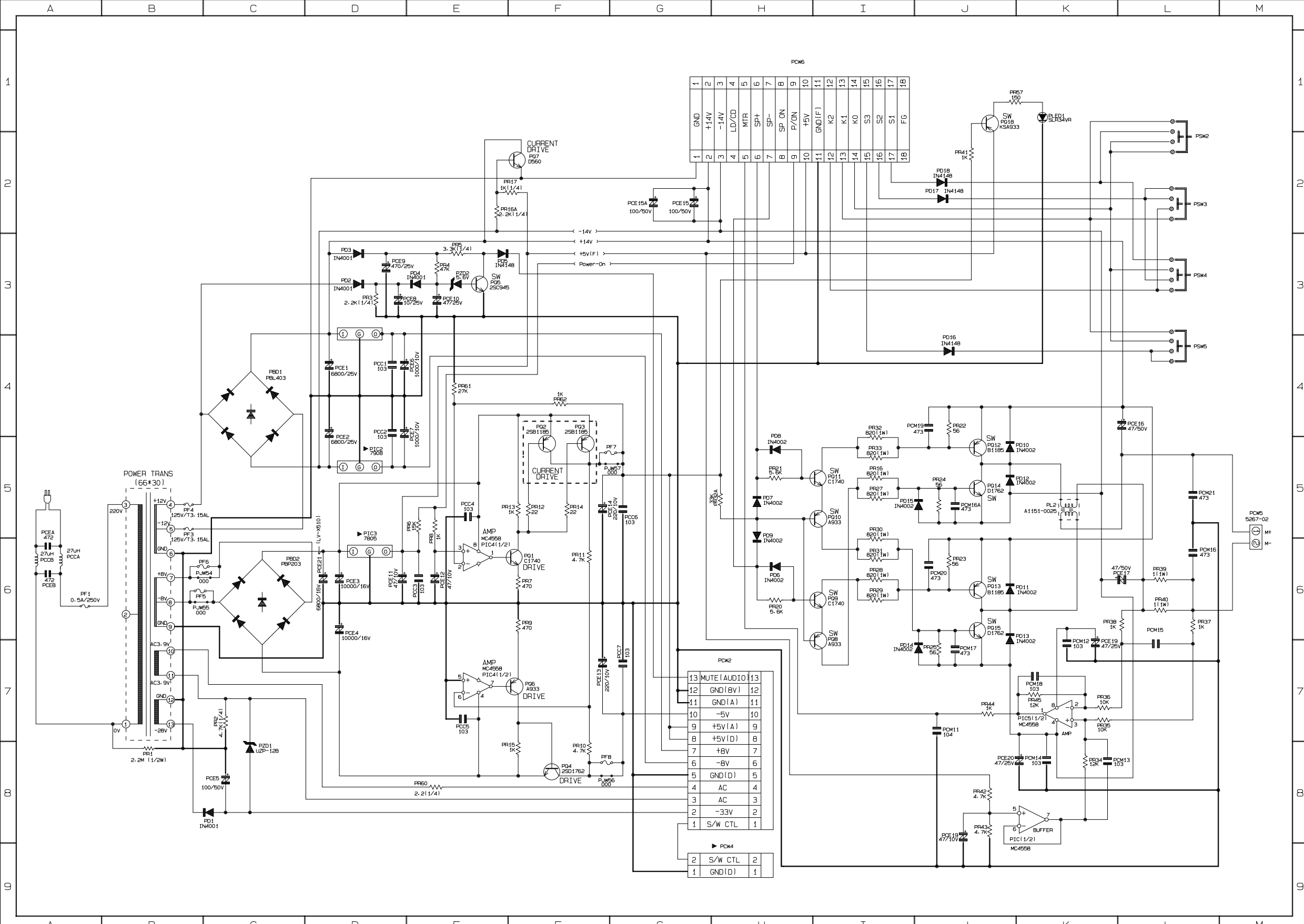


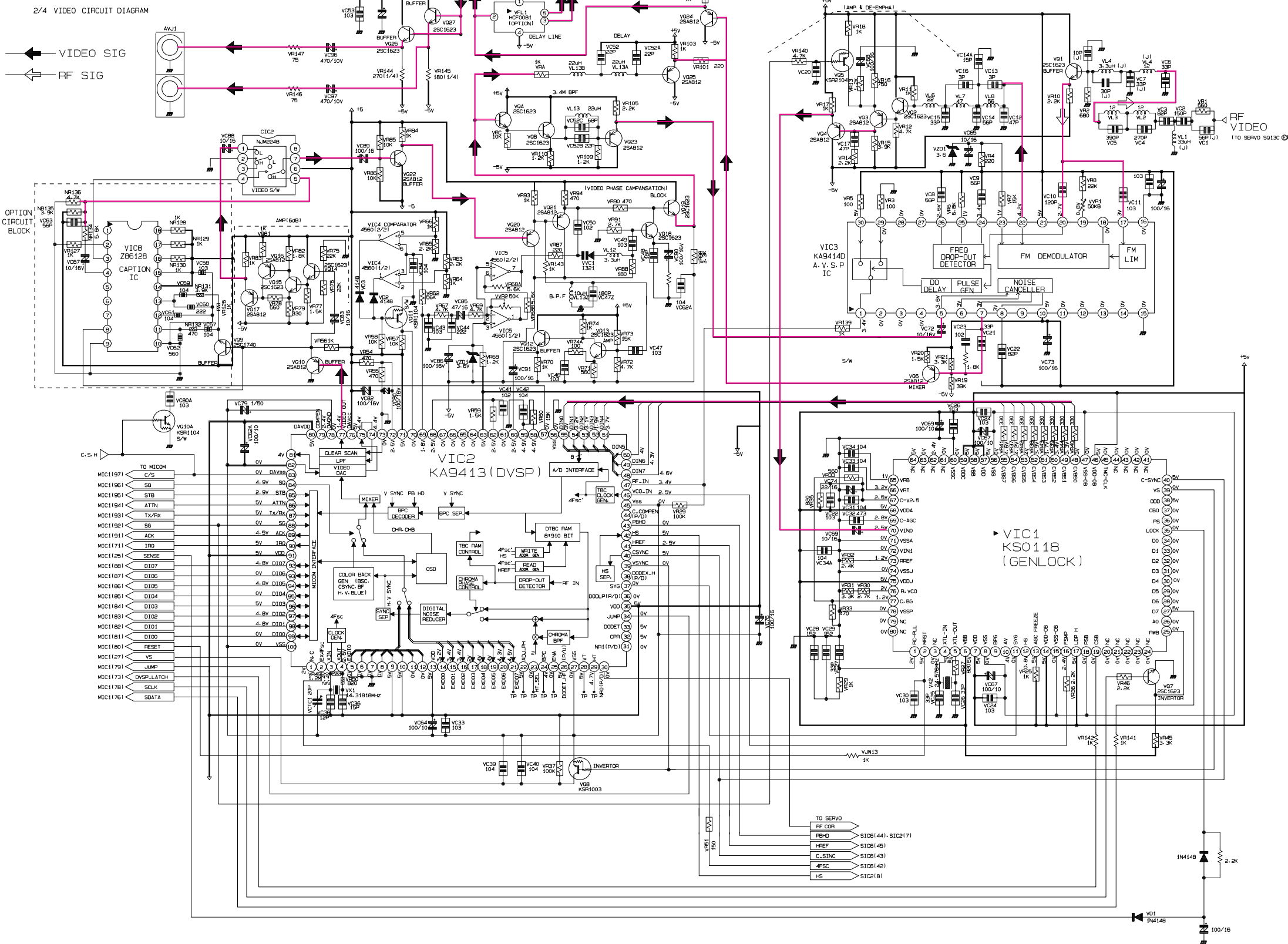


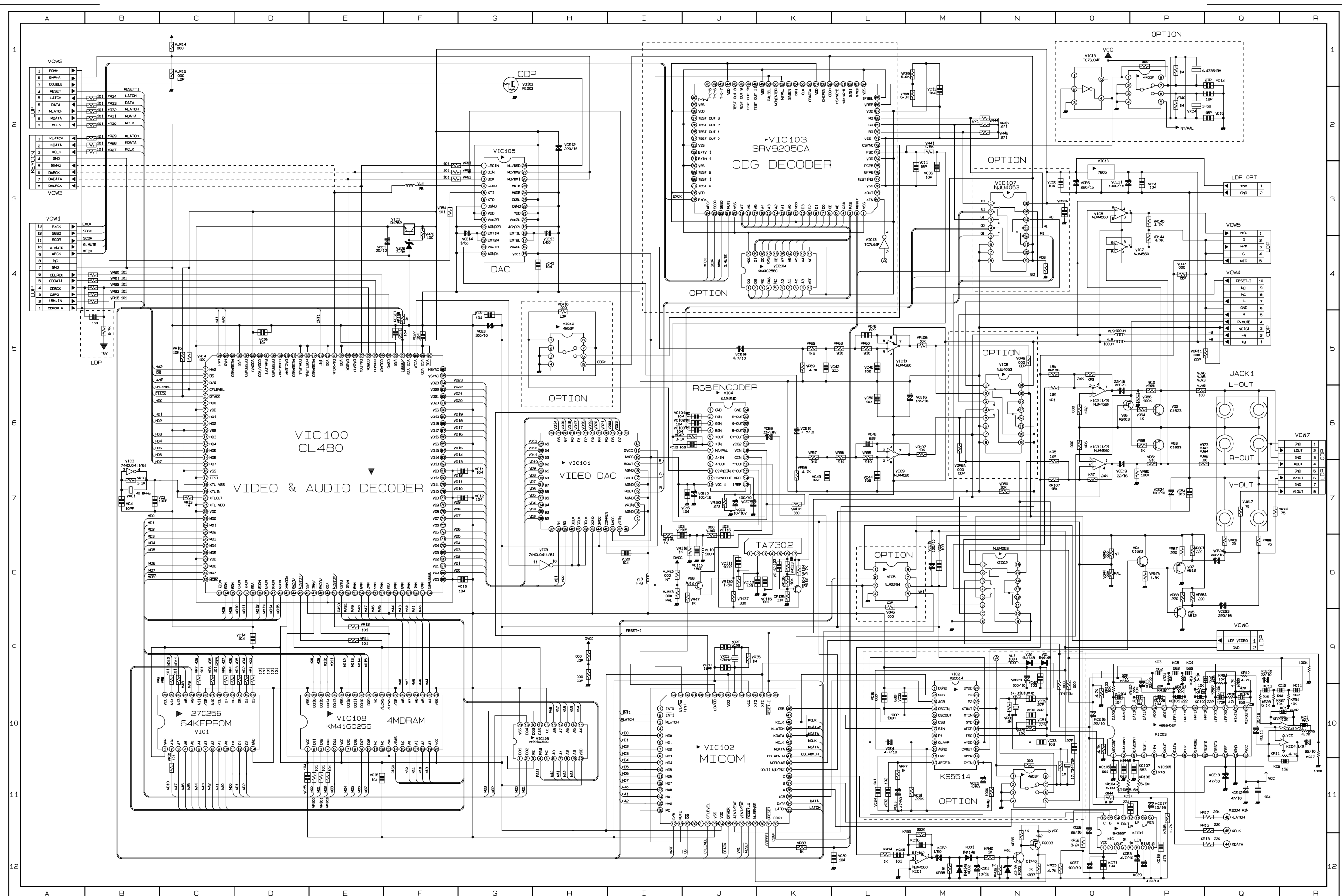




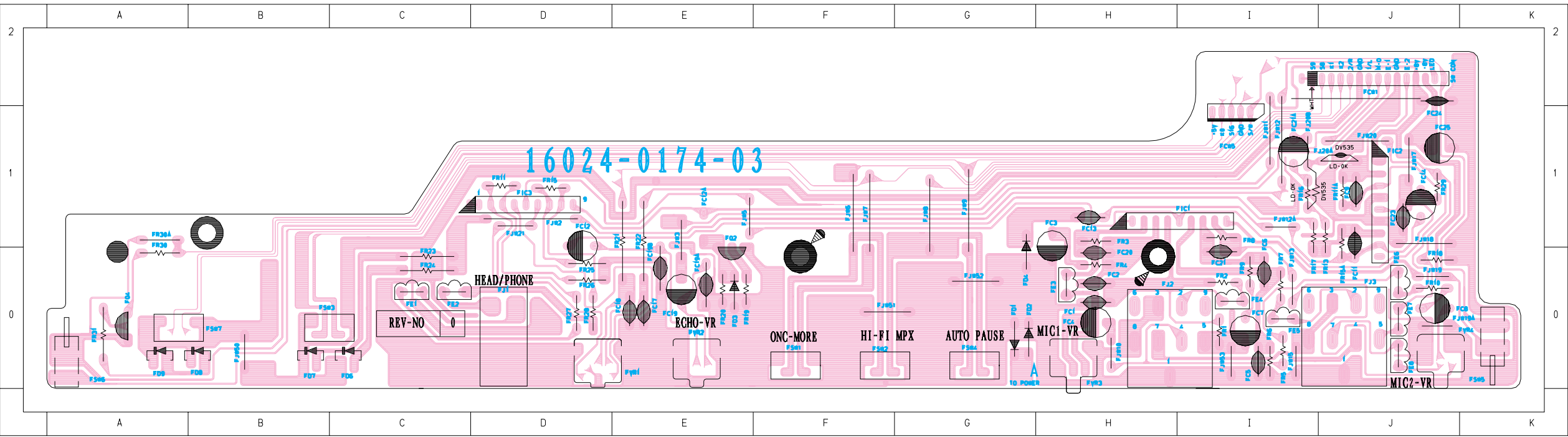
3-6 POWER





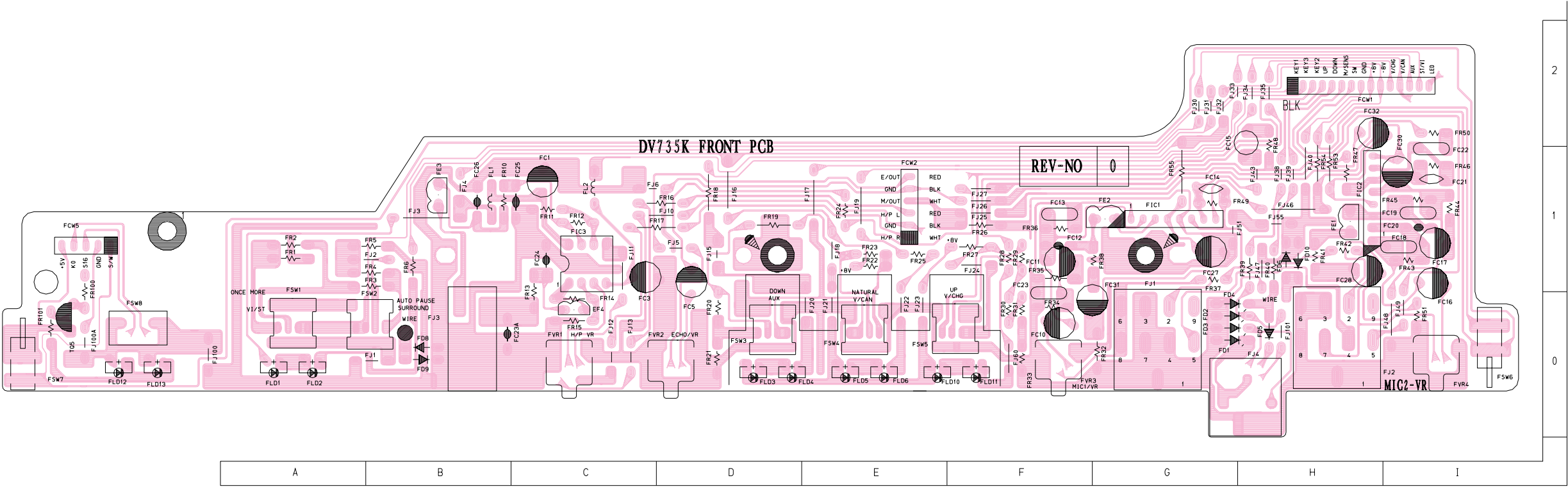


4. PCB Diagram
4-1 FRONT
DV535/DV435/DV532

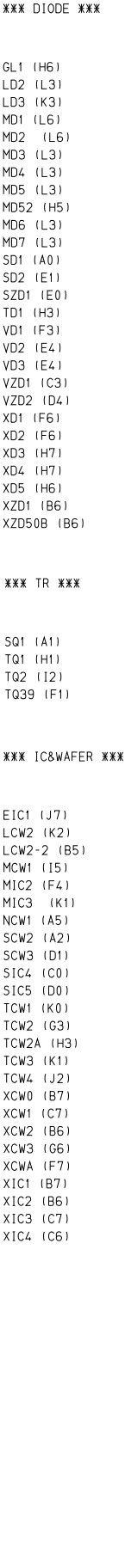


- *** DIODE *** *** TR ***
- FD1 (G0) FQ2 (E1)
FD2 (G0) FQ4 (A0)
FD3 (E0)
FD4 (G1)
- *** IC&WAFER ***
- FCW1 (J2)
FIC1 (I1)
FIC2 (J1)
FIC3 (D1)

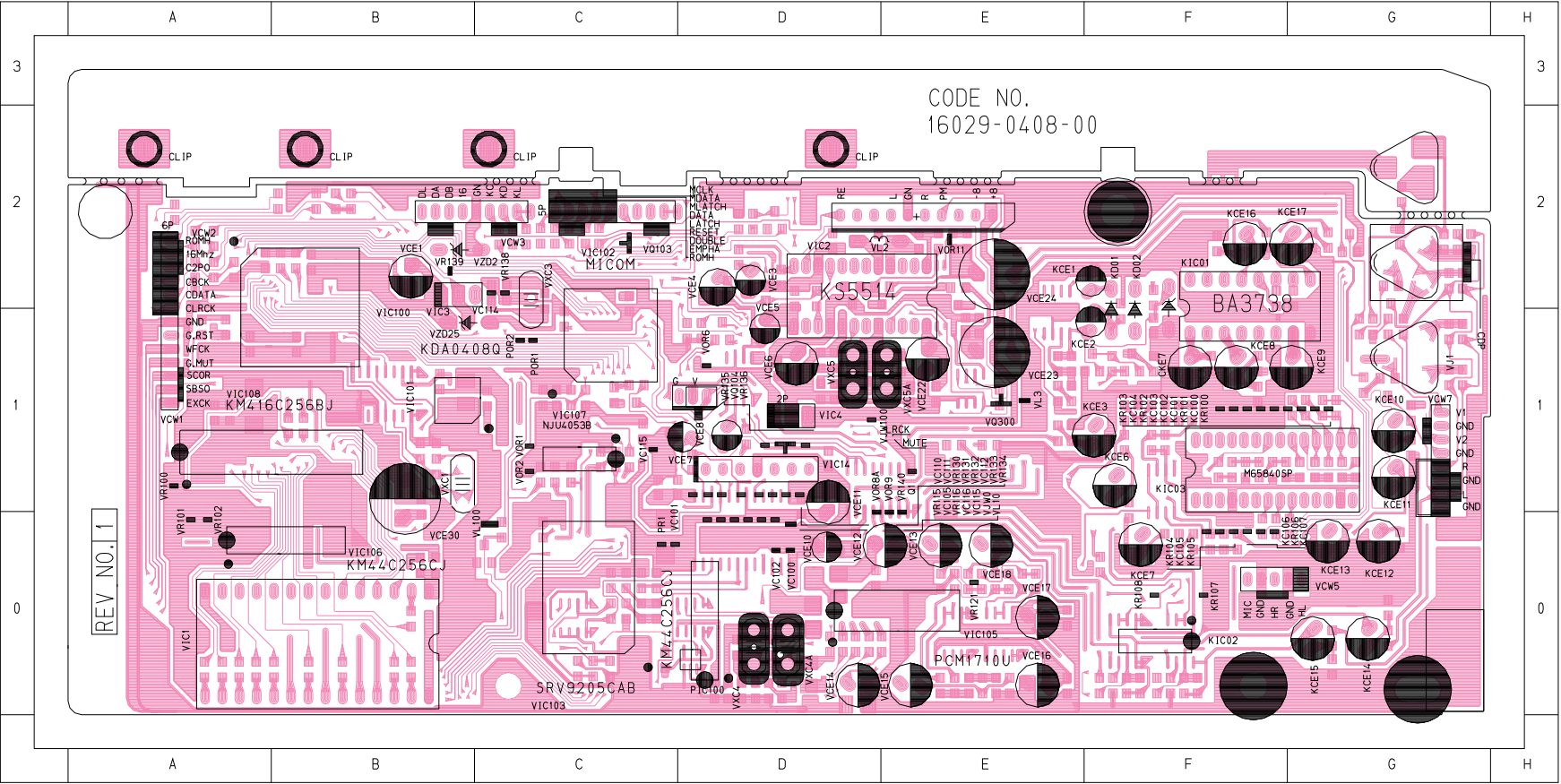
DV735K



- FD1 (H0) FCW1 (H2)
FD10 (H1) FCW2 (E1)
FD2 (H0) FCW5 (A1)
FD3 (H0) FCW6 (B1)
FD4 (H0)
FD5 (H0)
FD6 (H1)
FD8 (B0)
FD9 (B0)



4-3 VIDEO-CD (DV532KV)



5. Electrical parts list

5-1. Main common

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
MIC1 (OPTION)	B4002-0714	IC-MCU ;LC866232A DV735K/EXP	1	
	B4002-0716	IC-MCU ; LC866232A DV535K/EXP	1	
	B4000-0017	IC-OTP ; LC866232A V-CD	1	
VIC2	A4012-0379	IC-LINEAR ; KA9413 QFP DVSP(1)	1	
SIC6	A4012-0404	IC-LINEAR ; KA9421-01 QFP SSP	1	
TIC2	12119-101-520	IC-PHASE COMPARATOR ; TC5081AP	1	
SIC2,3, TIC1,3	12119-401-300	IC-OP AMP ; BA4560F-T2	4	
VIC1	A4012-0208	IC-LINEAR ; KSO118 QFP GENLOCK	1	
XIC6	A4012-0211	IC-LINEAR ; KA9401 QFP ASP	1	
XIC8	A4012-0292	IC-LINEAR ; KS9283 QFP DSP+DPLL	1	
VIC3	A4012-0380	IC-LINEAR ; KA9414D QFP VSP	1	
MIC2,3	B4004-0080	IC-LOGIC ; TC4094 BP/MC4094BCP	2	
SIC4,5	B4008-0683	IC-DRIVE ; LA6510 SIP	2	⚠
XIC9	B4012-0381	IC-LINEAR ; PCM 1/10μ SOP D/A CONVERTOR	1	
VR145	11018-377-181	R-CARBON ; RD0.5T 180-J	1	
SR6	11018-377-220	R-CARBON ; RD0.5T 22-J	1	
SR11,12	11018-377-229	R-CARBON ; RD0.5T 2.2-J	2	
MQ1A	11139-801-040	TR-CHIP ; KSR1102 (R02)	1	
MQ1,6, VQ32	11139-801-050	TR-CHIP ; KSR 2102 (R52)	3	
VQ5	11139-801-060	TR-CHIP ; KSR 2104 (R54)	1	
VQ10A, 11	11139-901-012	TR-CHIP ; KSR 1104	2	
SVR7	11249-102-014	VR-SEMI TAPE-H ; EVN CYA/EVN	1	
SVR2	11249-102-024	VR-SEMI TAPE-H ; EVN CYA/EVN	1	
SVR4,5,6	11249-102-034	VR-SEMI TAPE-H ; EVN CYA/EVN	3	
SVR1	11249-102-044	VR-SEMI TAPE-H ; EVN CYA/EVN	1	
VVR1, VVR2	11249-102-064	VR-SEMI TAPE-H ; EVN CYA/EVN	2	
TC5,10	11505-713-154	C-POLYESTER ; TAPING M50V 0.15MF	2	
TC9	11505-713-183	C-POLYESTER ; TAPING M50V 0.018M-J	1	
TC8	11505-713-563	C-POLYESTER ; TAPING M50V 0.056M-J	1	
TC3	11505-714-222	C-POLYESTER ; TAPING M50V 0.0022M-K	1	
SC29,41, TC4,12	11517-213-224	C-FILM ; CQ921 TM50V. 0.22M-J	4	
MC3	11608-102-102	C-ELECTROLYTIC ; SHL 10V 1000M	1	
XC1, 2A, VC96, 97, XC25	11608-102-471	C-ELECTROLYTIC ; SMS, 10V 470M	5	
XC19, 20, 22	11608-103-221	C-ELECTROLYTIC ; SMS, 16V 220M	3	
DC10, 11, VC65A	11608-153-101	C-ELECTROLYTIC ; SRA, 16V 100M	3	
SC31	11608-206-479	C-ELECTROLYTIC (NP) ; SMS, 50V 4.7M	1	
VCTC1	11829-512-030	C-TRIMMER ; TZ03R 20PF	1	
TQ1, 39	12139-601-120	FET ; 2SK 184-Y	2	
SQ1	12149-305-100	TRANSISTOR ; MJE 171/172	1	
TQ2	12159-301-780	TR DIGITAL ; KSR 1003/KRC103M	1	
XZD1, SD1	12169-403-310	DIODE-ZN ; 0.5W, 5.1V	2	
SZD1	12169-403-490	DIODE-ZN ; 3.9V	1	
VZD2, VZD1	12169-404-770	DIODE-ZN ; 500mW 3.6V	2	

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
XD3,4	12169-501-220	DIODE-VARICAP ; ISV 70A	2	
VVC1	12169-501-230	DIODE-VARICAP ; SVC-321-SPC1	1	
XL319, 321	12429-211-681	CHOCK-COIL ; AXIAL RES-1 Q40	2	
SL3	12429-311-181	COIL-CHOCK ; AX 180μH-02	1	
VL11	12429-411-101	COIL-CHOCK ; 100μH-02	1	
XFL1	A1240-0115	LC-FILTER BP 2.3/2.81M SFR-4254-08	1	
SC8, 25, 38	A1102-0164	C-FILM ; CF922 P 63V, 104-J	3	
VX1	A1280-0009	CRYSTAL ; 14.31818MHz 30PPM	1	
XX1	A1280-0098	CRYSTAL ; 16.9344MHz 17PPM	1	
VX2	A1280-0127	CRYSTAL ; 24.576MHz 50PPM	1	
EYE	A1294-0024	MODULE-REMOCON ; ORC-638V	1	
AVJ1	A3040-0124	RCA-JACK ; PI3.5 S-438P-09.6P	1	
FLT	A4153-0052	V.F.DISPLAY ; SVA-9BS05 LDP	1	
SCW1	B6013-0069	CONNECTOR-FPC 52045-3210 WHT	1	
REJ	A3040-0051	JACK-RCA ; PI3.5S-454 3P	1	
MD8	A4150-0123	LED-LAMP ; SLR. 34MG GRN	1	(OPTION)
MD9	A4150-0124	LED-LAMP ; SLR. 34MG ORG	1	(OPTION)
XIC3,4	12119-401-220	IC-CMOS AN/SW 4053BD	2	(OPTION)
EX1	A1280-0126	CRYSTAL 7.15909M 50PPM	1	(OPTION)
EIC2	B4004-0416	IC-LOGIC ; MC14052BCP	1	
EIC3	B4012-0421	IC-LINEAR ; M65844 SOP BULK ECHO	1	

5-2. Pal option

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
NQ01	11139-801-032	TR-CHIP ; KSC 1623	1	
NVR4	11249-102-014	VR-SEMI TAPE-HI EVN CYA/EVN	1	
NVR1	11249-102-024	VR-SEMI TAPE-HI EVN CYA/EVN	1	
NVR3	11249-102-034	VR-SEMI TAPE-HI EVN CYA/EVN	1	
NVR5	11249-102-044	VR-SEMI TAPE-HI EVN CYA/EVN	1	
NC30	11608-103-104	C-ELECTROLYTIC ; SMS 16V 100M	1	
NC23, 28	11608-103-473	C-ELECTROLYTIC ; SMS 16V 47M	1	
NCTC1	A1111-0012	C-TRIMMER, CERA ; FTA 60-13	1	
NX1	A1280-0038	CRYSTAL ; 4.433619MHz 50PPM	1	
NX2	A1280-0039	CRYSTAL ; 3.579545MHz 50PPM	1	
NVR2	B1054-0082	VR-SEMI ; EVN-DJA/EVN-CYA	1	
NFL4	B1146-0067	ELT 10Z 367, 0.60μs	1	
NIC1	B4008-0907	IC-VIDEO S/W ; NJM 2233 BMSOP	1	
NIC2	B4012-0040	IC-LINEAR ; CXA 1229P NTSC/PAL ENC	1	
NIC3	B4012-0039	IC-LINEAR ; CXA1228S NTSC/PAL DEC	1	

5-3. Cdg option/Caption option

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
GC10	11447-910-103	CONDENSOR AXIAL ; 16V EP050Y100	1	
GC1,6,9	11608-103-104	C-ELECTROLYTIC ; SMS, 16V 100M	3	
GC4	11608-153-101	C-ELECTROLYTIC ; SRA ; 16V, 100M	1	
GIC2	A4000-0154	IC-DRAM ; KM 44C 256CP-7	1	
GIC1	A4006-0024	IC-ASIC ; SRV9205CAB QFP	1	
GIC3	A4012-0151	IC-LINEAR ; KA2195D SOP ENCODER	1	
VIC6	A4012-0213	IC-LINEAR ; NJM 2248QFP V/S	1	
VIC8	B4012-0108	IC-LINEAR ; Z86228 CAPTION IC	1	

5-4. Super option/Optical option

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
VR118	11119-101-680	R-CHIP ; SCR2012 680-J	1	
VQ33	11139-801-032	TR-CHIP ; KSC 1623L	1	
SUP-J	13339-415-030	JACK-S ; TCS7927-14-4082	1	
DR10	11018-877-471	R-CARBON ; RN 1/8T 470-J	1	
XR10	11119-101-472	R-CHIP ; MCR 10.2012S 4.7K-J	1	
XC30	11129-004-103	C-CHIP CERAMIC ; SMC2012B 103K 500P	1	
OPT1	13339-415-010	JCK-OPT ; TOTX172	1	
VFL1	B1146-0013	Delay-line ; HCF 0081 1H NTSC	1	

5-5. Power

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
POWER TRANS	A1199-0086	PT 115/230V, 60/50Hz	1	⚠ (Option)
	A1199-0095	PT. 110/220V, 60Hz	1	⚠ (Option)
	A1199-0096	PT. 110/220V, 60/50Hz	1	⚠ (Option)
	A1199-0114	PT. 220V/50Hz	1	⚠ (Option)
	A1199-0148	PT 110/220V 60Hz, VCD	1	⚠ (Option)
	A1199-0121	PT. 240V/50Hz	1	⚠ (Option)
PCW1	A6006-0187	POWER CORD ; CP2 CHINA	1	⚠ (Option)
	A6006-0179	POWER CORD ; CP DOMASTIC	1	⚠ (Option)
	A6006-0262	POWER CORD ; BS HONGKONG	1	⚠ (Option)
	A6006-0200	POWER CORD ; AP AUSTLALIA	1	⚠ (Option)
	A6006-0195	POWER CORD ; EP2. UL	1	⚠ (Option)
PF1	14709-241-140	FUSE ; 250V. 0.5A 20EUR	1	⚠
PF3,4	14709-241-280	FUSE ; 250V 3.15A 20EUR	2	⚠
PF2	14709-241-200	FUSE ; 250V 1A 20EUR	1	⚠ (Option)
PR39,40	11048-477-109	R-METAL OXIDE ; 1-J MINITYPE	2	⚠
PR60	11048-477-229	R-METAL OXIDE ; 2.2-J MINITYPE	1	⚠
PR16,27,28,29,30,31,32,33	11048-477-821	R-METAL OXIDE ; 820-J MINITYPE	8	
PCEA, PCEB	11469-501-070	C-CERAMIC ; 472P VAI-KC	2	⚠
PCCA, PCCB	12429-010-330	COIL-CHOKE ; 27μH-K Q30 F2R5	2	⚠
PCE 21	11607-103-682	C-ELECTROLYTIC ; SMS 16V 6800M	1	⚠ (Option)
PCE6,7	11608-102-102	C-ELECTROLYTIC ; SHL 10V 1000M	2	⚠
PCE 1,2	A1104-0346	C-ELECTROLYTIC ; CE 25V 682M	2	⚠
PCE3,4	A1104-0623	C-ELECTROLYTIC ; CE 16V 103-M	2	⚠
PIC1	12109-401-730	IC-REGULATORS ; MC7808 BF 8.5W	1	
PIC4,5	12119-401-170	IC-OP AMP ; MC4558S	2	
PIC3	12119-601-770	IC-REGULATOR ; MC 7805	1	
PIC2	12119-601-840	IC-REGULATOR ; MC 7908C	1	
PQ 1,9,11	12139-307-170	TRANSISTOR ; 2SC1740S	3	
PQ6,8,10,18	12149-102-350	TRANSISTOR ; 2SA933S	4	
PQ5	12149-301-900	TRANSISTOR ; KSC 945-Y	1	
PD1,2,3,4	12169-201-080	DIODE-RECTIFIER ; IN4001, TAPE	4	
PD6,7,8,9,10,11,12,13,14,15	12169-201-090	DIODE-RECTIFIER ; IN4002. TAPE	10	
PRD2	12169-219-320	DIODE-BRIDGE ; PBP203 2A 200V	1	⚠
PRD1	12169-219-330	DIODE-BRIDGE ; PBL403	1	⚠
PZD1	12169-403-910	DIODE-ZN ; 1W 11.4-12.6V	1	⚠
PZD2	12169-404-790	DIODE-ZN ; 500mW. 5.6V	1	⚠
PLED1	12309-001-450	LED ; SLR 34VR (RED)	1	
PR35,36	A1000-0505	R-METAL FILM 1/8T 103-F	2	
PR42,43	A1006-0570	R-METAL FILM 1/8T 472-F	2	
PR34,35	A1006-0829	R-METAL FILM 1/8T 123-F	2	
PL2	A1151-0025	COIL-LINE FILTER	1	⚠
PQ7	A4052-0044	TR-HIGH POWER ; KSD560-Y	1	⚠ (Option)
PQ2,3,12,13	B4052-0035	TR-HIGH POWER ; 2SB1185-F. 25W	4	⚠
PCW10 (PQ4),PQ14,15	B4052-0036	TR-HIGH POWER ; 2SD 1762-F 25W	3	⚠

5-6. Vodeorche option

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
KC10,KC26,KC17	11608-102-104	C-ELECTROLYTIC; SMS T 10V 100M	3	⚠
KC7,KC8,KC22,KC36,KC44	11608-103-103	C-ELECTROLYTIC; SMS T 16V 10M	5	
KC104,KC105,KC108,KC109	11608-103-221	C-ELECTROLYTIC; SMS T 16V 220M	4	⚠
KC6	11608-103-223	C-ELECTROLYTIC; SMS T 16V 22M	1	
KC28,KC37	11608-103-473	C-ELECTROLYTIC; SMS T 16V 47M	2	
KC65,KC66,KC106,KC107	11608-106-102	C-ELECTROLYTIC; SMS T 50V 1M	11	
KC103,KC150,KC151				
KC152,KC201,KC100,KC101				
KC19,KC20,KC49,KC56	11608-106-472	C-ELECTROLYTIC; SMS T 50V 4.7M	4	
KIC1	B4014-0052	IC-DSP; YSS216 QFP	1	
KIC2	A4000-0031	IC-DRAM; KM41C464-08/10 DIP	1	
KIC3	12109-401-170	IC-DAC; KDAQ316 LD	1	
KIC4	B4002-0476	IC-MCU; TMP 47P 1660VN	1	
KIC6,KIC7,KIC8,KIC9	12119-401-170	IC-OP AMP; MC4558C/KA4558	12	
KIC10,KIC11,KIC12,KIC13				
KIC14,KIC17,KIC19,KIC20				
KIC15	12119-401-220	IC-CMOS SW; NJU4053BD	1	
KIC16	12119-401-720	IC-SWITCHING; TC4066BP	1	
KIC5	A4004-0196	IC-LOGIC; GD74HC86DIP	1	
KCW2	A3040-0150	JACK-RCA; P13.5 S-438P-02 6P RED/WHT	1	
KD3	12169-403-660	DIODE-ZENOR; UZ3.3B	1	
KX2	14539-503-090	CERAMIC-RESONATOR; FCR 6.0M	1	

5-7-1. Front(Option-DV535K)

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
FC1,FC3,FC27,KC30,FC32	11608-103-333	C-ELECTROLYTIC;SMS T 16V 33M	5	
FC5	11608-106-109	C-ELECTROLYTIC; SMS T 50V 1M	1	
FC10, FC16	11608-106-221	C-ELECTROLYTIC; SMS T 50V 0.22		
FC28,FC31	112608-106-472	C-ELECTROLYTIC; SMS T 50V 4.7M	2	
FC11,FC17	11608-103-103	C-ELECTROLYTIC; SMS T 16V 10M	2	
FC15	11608-206-109	C-ELECTROLYTIC; SMS T 50V 1M(NP)	1	
FIC1,FIC2	12119-401-760	IC-OP AMP; NJM2068 SD	2	
FIC3	12119-401-260	IC-OP AMP;NJM4556D	1	
FL1,FL2,FL3,FL4,FL5	12429-311-220	COIL-CHOKE; AX 22UH-02	5	
FVR2,FVR3,FVR4	A1048-0016	VR-ROTARY, MOLD; RK09K1110303 20KB	3	
FVR1	B1048-0020	VR-ROTARY, MOLD; RK09K12B 20KB	1	
FSW1,FSW2,FSW3, FSW4, FSW5	A3018-0026	SW-TACK, V;SKHT27010A 22.6/8MM 2KEY	5	
FJ1, FJ2	A3040-0115	JACK-HEADPHONE; SOQ4694-01-4110 9P	2	
FJ3	B3040-0119	JACK-EARPHONE; P13.5 HSJ0918-01-2010	1	
FLD1,2,3,4,5,6,10,11	12309-104-410	LED-LAMP; SLV-31 MC3	8	

5-7-2. Front(Option-DV735K)

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
FC1,FC3,FC27,KC30,FC32	11608-103-333	C-ELECTROLYTIC;SMS T 16V 33M	5	
FC5	11608-106-109	C-ELECTROLYTIC; SMS T 50V 1M	1	
FC10, FC16	11608-106-221	C-ELECTROLYTIC; SMS T 50V 0.22		
FC28,FC31	112608-106-472	C-ELECTROLYTIC; SMS T 50V 4.7M	2	
FC11,FC17	11608-103-103	C-ELECTROLYTIC; SMS T 16V 10M	2	
FC15	11608-206-109	C-ELECTROLYTIC; SMS T 50V 1M(NP)	1	
FIC1,FIC2	12119-401-760	IC-OP AMP; NJM2068 SD	2	
FIC3	12119-401-260	IC-OP AMP;NJM4556D	1	
FL1,FL2,FL3,FL4,FL5	12429-311-220	COIL-CHOKE; AX 22UH-02	5	
FVR2,FVR3,FVR4	A1048-0016	VR-ROTARY, MOLD; RK09K1110303 20KB	3	
FVR1	B1048-0020	VR-ROTARY, MOLD; RK09K12B 20KB	1	
FSW1,FSW2,FSW3, FSW4, FSW5	A3018-0026	SW-TACK, V;SKHT27010A 22.6/8MM 2KEY	5	
FJ1, FJ2	A3040-0115	JACK-HEADPHONE; SOQ4694-01-4110 9P	2	
FJ3	B3040-0119	JACK-EARPHONE; P13.5 HSJ0918-01-2010	1	
FLD1,2,3,4,5,6,10,11	12309-104-410	LED-LAMP; SLV-31 MC3	8	
	13012-0253-00	BRACKET-BOTTOM; DV-530K T0.2	3	
FE1,2,3,4	B1247-0048	FILTER-EMI DISC; DSS306-55F223Z	4	

5-8 Video-CD Option(DV532KV)

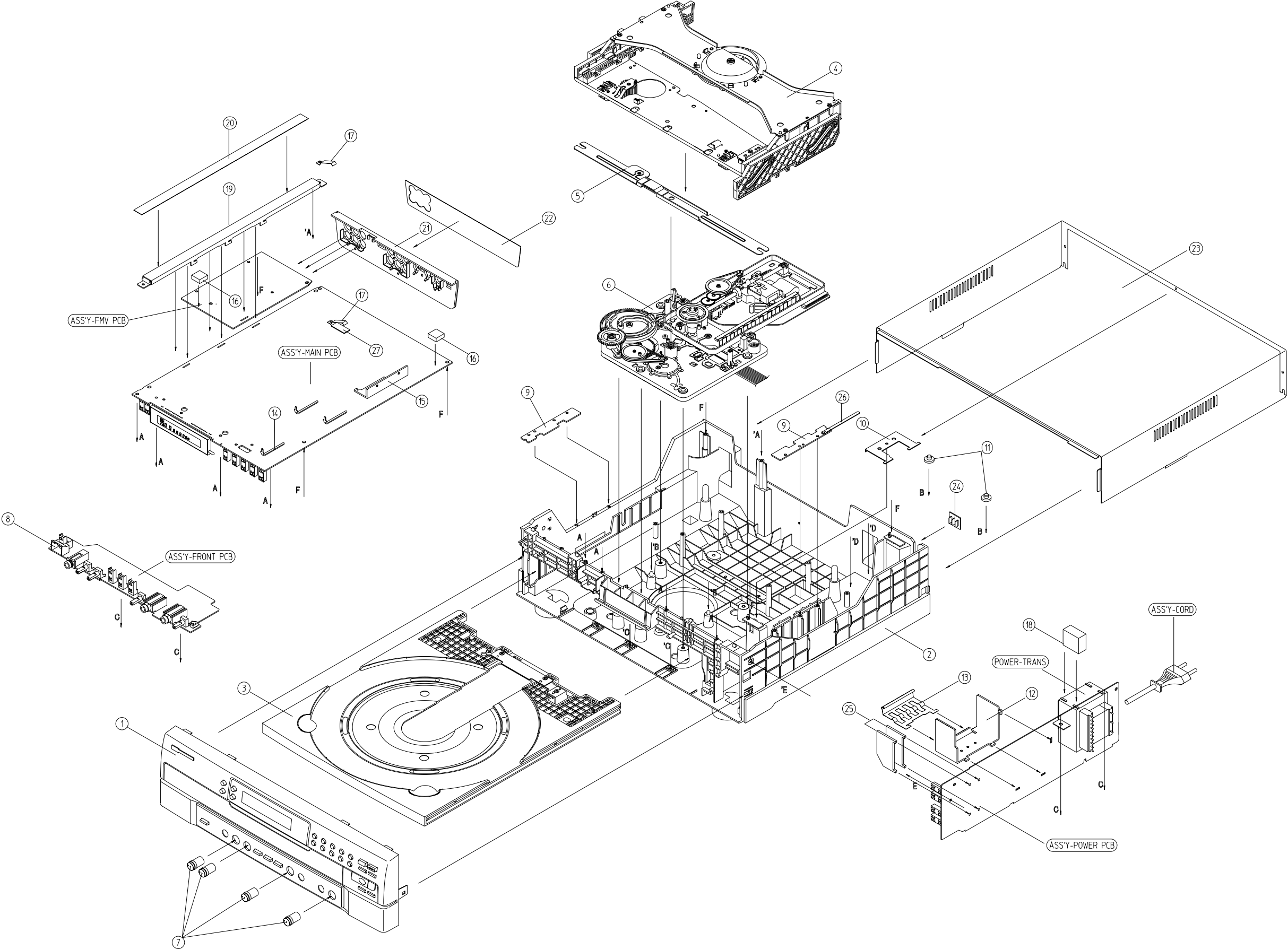
LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
VR132,VC24,KR2,6	11119-101-000	R-CHIP;SCR2012 PA.P 1/8 O-J	4	
VR1,2,3,4,5,6,7,8	11119-101-101	R-CHIP;MCR10,2012S 100-J	8	
VR9,10,11,12,16,20,21			7	
VR22,23,27,28,29,30,31			7	
VR32,33,34,51,52,53,54			7	
VR100,101,102,139			4	
VR47,64,83,131,138,Q2	11119-101-102	R-CHIP;MCR10,1K-J	6	
KR40			1	
VR14,15,50,136	11119-101-103	R-CHIP;MCR10,2012S 10K-J	4	
KR38,41,42	11119-101-104	R-CHIP;MCR10,2012S 100K-J	3	
VR13,35	11119-101-105	R-CHIP;MCR10,2012S 1M-J	2	
KR1,5,107,108	11119-101-123	R-CHIP;SCR2012J123 100CT	4	
VR41 130	11119-101-152	R-CHIP;SCR2012 1.5K-J	2	
VR39	11119-101-183	R-CHIP;SCR2012 18K-J	1	
VR87,87A,88,88A	11119-101-221	R-CHIP;SCR2012J 221 100CT	4	
KR37	11119-101-223	R-CHIP;MCR10,2012S 22K-J	1	
VR44,45,46	11119-101-271	R-CHIP;MCR10,2012S 270-J	3	
VR09,38	11119-101-273	R-CHIP;MCR10,2012S 27K-J	2	
KR35	11119-101-274	R-CHIP;SCR2012J 270K	1	
VR137A	11119-101-331	R-CHIP;MCR10 201	1	
VR42,36	11119-101-332	R-CHIP;SCR2012S 3.3K-J	2	
VR135	11119-101-333	R-CHIP;SCR2012J 333 100CT	1	
KR39	11119-101-334	R-CHIP;SCR2012J 334 100CT	1	
VR137	11119-101-391	R-CHIP;2012 390J	1	
VR116	11119-101-471	R-CHIP;SCR2012 471J	1	
VR107,113,KR33,45	11119-101-472	R-CHIP;MCR 10,2012S 4.7K-J	4	
VR107,113			2	
KR34,36	11119-101-473	R-CHIP;MCR 10,2012S 47K-J	2	
VC114	11119-101-562	R-CHIP;MCR 10 2012S 5.6K-J	1	
VR20A,21A,23A	11119-101-563	R-CHIP;SCR2012 56K-J	3	
VR133	11119-101-680	R-CHIP;SCR2012 680J	1	
VR115	11119-101-821	R-CHIP;MCR 10 2012S 820-J	1	
KR32,43,44,46	11119-101-822	R-CHIP;SCR2012 822 100CT	4	
VC12,32	11129-004-102	C-CHIP CERAMIC;CC 2012 X7R 102K T	2	
VC105,110,112,115	11129-004-103	C-CHIP CERAMIC;CC 2012 X7R 103K T	4	
VC12,41,43,47,50			5	
VC44,45	11129-004-152	C-CHIP CERAMIC;CC 2012 X7R 152K T	2	
KC15	11129-004-183	C-CHIP CERAMIC;CC 2012 X7R 183K T	1	
VC42,49	11129-004-332	C-CHIP CERAMIC;CC 2012 X7R 332K T	2	
VC46,48	11129-004-822	C-CHIP CERAMIC;CC 2012 X7R 822K T	2	
VC11,29,30	11129-008-180	C-CHIP CERAMIC;CC 2012 COG 180J T	3	
VC116	11129-008-181	C-CHIP CERAMIC;CC 2012 COG 181J T	1	
VC3,4,36	11129-009-100	C-CHIP CERAMIC;CC 2012 COG 100J T	3	
VC111	11129-009-101	C-CHIP CERAMIC;CC 2012 COG 101J T	1	
KC16	11129-009-300	C-CHIP CERAMIC;CC 2012 COG 300J T	1	
VC1,2,10,13,16,17,18,19	11129-014-104	C-CHIP CERAMIC;GRM40X7R 104K25PT	8	
VC20,21,22,23,25,27,33			7	
VC37,70			2	
VC100,101,102,109			4	
VQ5,7,104	11139-801-022	TR-CHIP;KSA 812	3	
VQ2,3,KQ1	11139-801-032	TR-CHIP;KSC1623L	3	
VQ6,KQ2	11139-801-101	TR-CHIP;KSR2103	2	
VQ100	11139-801-182	TR-CHIP;KSR1103	1	
VTC1,2	11155-306-220	C-CHIP TANTAL;CS 16V T 22M M 5832	2	
VL10	11176-600-050	COIL-CHIP;LQH3C 100K04	1	
VCE13,14,KCE2	11608-106-109	C-ELECTROLYTIC;SRE T 50V 1M(3X5)	3	
VCE1,6,7,11,12,16,17	11608-152-101	C-ELECTROLYTIC;SRE T 10V 100M	7	
VCE10,CKE7			2	
VCE8,KCE14,15	11608-153-220	C-ELECTROLYTIC;SRE T 16V 22M(5X5)	3	
KCE8,9,16			3	

LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
VCE15,18	11608-154-479	C-ELECTROLYTIC;SRE T 25V 4.7M(3X5)	2	
VCE9,KCE1,3,17	11608-173-100	C-ELECTROLYTIC;SRE T 16V 10M(3.5X5)	4	
VCE23,24,30	11608-173-221	C-ELECTROLYTIC;SR T 16V 220M(10X9)	3	
VIC1	12109-401-920	IC-PROM(OTP);NMC27C256BN200	1	
VIC9,10,KIC2,3	12119-401-300	IC-OP AMP;BA4560F-T2	4	
KIC1			1	
KD01,02	12169-301-400	DIODE-SWITCH;1N4148M ROHM(SMALL)	2	
VZD2,KD03	12169-403-490	DIODE ZN;RD 3.9EB/UZ 3.9BM	2	
VL2	12429-411-100	COIL-CHOKE;AX 10UH-02(LA02TB100K)	1	
VXC3	14539-503-130	CERAMIC-RESONATER;CSA12.0MT	1	
KR4,8	A1020-0067	R-CHIP;RH 1/10 CS 243-J C2012 RMC 1	2	
VR55,56,57,60,62,63	A1020-0132	R-CHIP;RH 1/10 CS 911-J C2012	6	
KC19,20			2	
VXC1	A1280-0197	CRYSTAL;40.5MHZ HC-49/U-A +-0.005%	1	
VIC106	A4000-0063	IC-DRAM;KM44C256CJ-7 SOJ	1	
VIC108	A4000-0083	IC-DRAM;KM416C256/L/SL-7 SOJ 40PIN	1	
VIC3	A4004-0258	IC-LOGIC;GD74HCU04D SOP	1	
VIC4	A4012-0271	IC-LINEAR;KA2194D SOP RGB ENCODER	1	
VIC101	A4012-0308	IC-LINEAR;KDA0408Q QFP QFP 48P VIDE	1	
VL100	B1144-0034	COIL-CHIP;EMI HF50ACB322513-T M T C	1	
VL3,4,5,6			4	
VIC102	B4000-0167	IC-OTP;LC86P5032A DV-430 QFP 64P	1	
VIC13	B4004-0199	IC-LOGIC;TC7SU04F SOP	1	
VIC14	B4008-0960	IC-OP AMP;TA7302P SIP	1	
VIC105	B4012-0381	IC-LINEAR;PCM1710U SOP D/A CONVERTO	1	
VIC100	B4012-0438	IC-LINEAR;CL480 QFP BULK MPEG SYS D	1	
KIC01	B4012-0508	IC-LINEAR;BA3837 DIP STICK KARAOKE	1	
VIC3	B4052-0036	TR-HIGH POWER;2SD1762-F 25W 3A 70MH	1	
VOR1,2,3,10,VJW0,12,13	11119-101-000	R-CHIP;SCR2012 PA.P 1/8 O-J	7	
VR121,140			2	
VQ4			1	
VJW2,4,6,8	11119-101-101	R-CHIP;MCR10,2012S 100-J	4	
VR40,40A	11119-101-105	R-CHIP;MCR10,2012S 1M-J	2	
VC14,15	11129-008-180	C-CHIP CERAMIC;CC 2012 COG 180J T	2	
	13059-201-103	LEAD-FASTEN;RING 100 BLK	1	
T1	13124-100-710	TAP-STUD;0.5T SPC1 BT2	1	
VCW4	13349-103-103	CONNECTOR-WAFER;5267-10A 10P STICK	1	
VCW5,6	13349-119-020	CONNECTOR-WAFER;53014-0210 2.0MM	2	
VCW2	13349-119-050	CONNECTOR-WAFER;53014-0510 2.0MM	1	
VCW1	13349-119-070	CONNECTOR-WAFER;53014-0710 2.0MM	1	
VIC4	13349-512-561	CONNECTOR-WAFER;5267-02A 2P TYPE	1	
CLIP	16634-517-300	CORD-CLAMP;DALA-2	1	
VR68,72	A1020-0121	R-CHIP;RH 1/10 CS 750-J C2012 RMC 1	2	
VXC4	A1280-0039	CRYSTAL;3.579545MHZ HC-49/U-A 50PPM	1	
VJ1	A3040-0196	JACK-RCA;PI3.5 S-438P-01 6P	1	
VIC15,KIC02	B4004-0261	IC-LOGIC;NJU4053BM SOP	2	
VIC5	B4012-0222	IC-LINEAR;NJM2234 SOP VIDEO S/W	1	
PIC100	A4000-0063	IC-DRAM;KM44C256CJ-7 SOJ	1	
VIC103	A4006-0024	IC-ASIC;SRV9205CA/SRV9205CAB QFP	1	
VIC107	B4004-0261	IC-LOGIC;NJU4053BM SOP	1	
VIC16	B4004-0337	IC-LOGIC;TC4W53F-TE12L SOP 8P	1	
VOR8	11119-101-000	R-CHIP;SCR2012 PA.P 1/8 O-J	1	
VR47	11119-101-102	R-CHIP;MCR10,1K-J	1	
VR86	11119-101-104	R-CHIP;MCR10,2012S 100K-J	1	
VR40,40A	11119-101-105	R-CHIP;MCR10,2012S 1M-J	2	
VR70	11119-101-123	R-CHIP;SCR2012J123 100CT	1	
VR67A	11119-101-182	R-CHIP;SCR2012J 182 100CT	1	
VR75	11119-101-224	R-CHIP;SCR2012 16V 220K-J	1	
VC38	11129-001-220	C-CHIP CERAMIC;CC2012 COG 220J T	1	
VC35,36	11129-001-680	C-CHIP CERAMIC;CC 2012 COG 680J T	2	
VC32	11129-004-102	C-CHIP CERAMIC;CC 2012 X7R 102K T	1	
VC51	11129-004-223	C-CHIP CERAMIC;CC 2012 X7R 223K T	1	
VC14,14A,15,15A	11129-008-180	C-CHIP CERAMIC;CC 2012 COG 180J T	4	

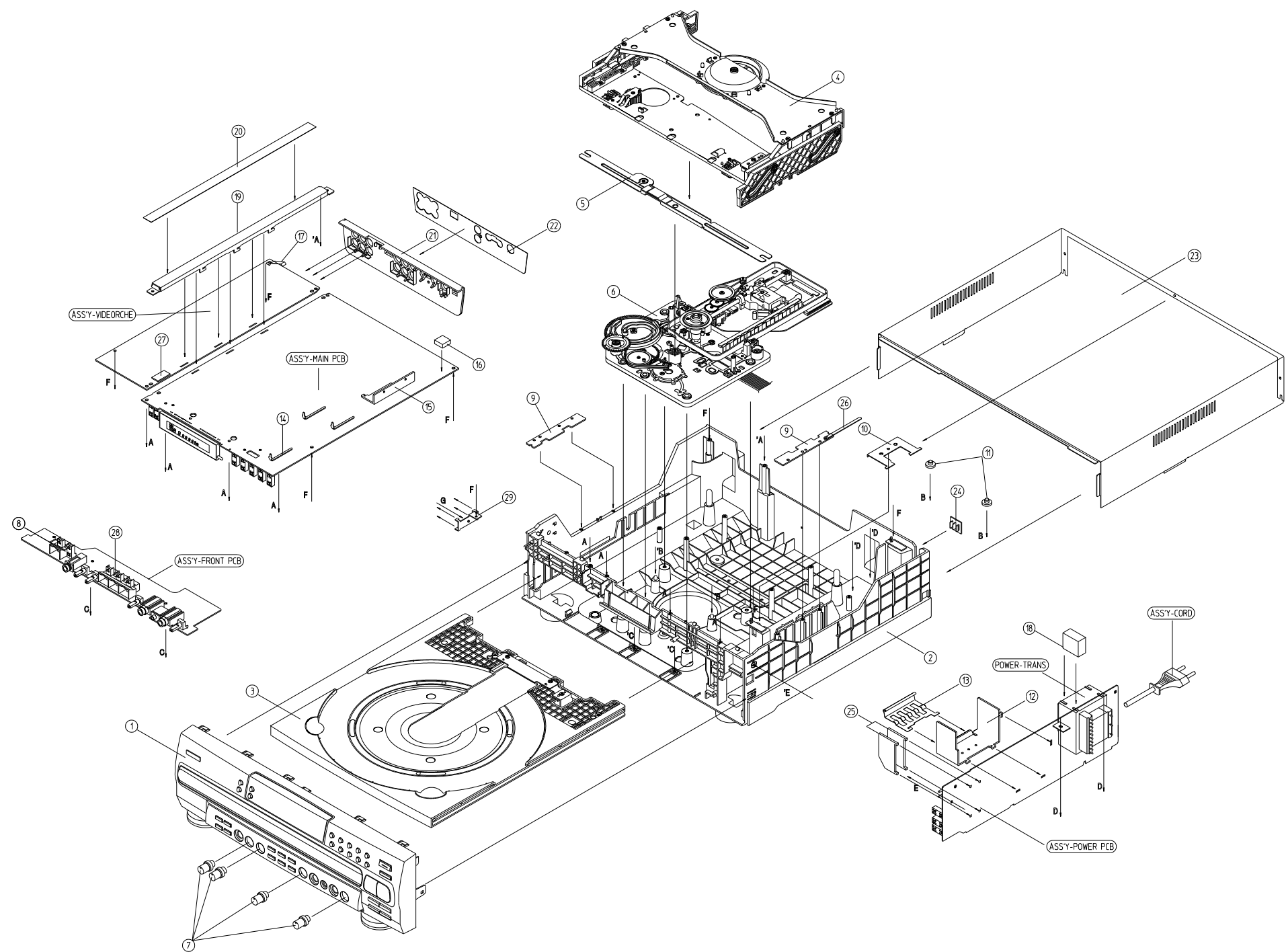
LOCATION	CODE NO.	DESCRIPTION and SPECIFICATION	Q'TY	REMARK
VC34	11129-009-101	C-CHIP CERAMIC;CC 2012 COG 101J T	1	
VC39	11129-009-270	C-CHIP CERAMIC;CC 2012 COG 270J T	1	
VQ4	11139-801-032	TR-CHIP;KSC1623L	1	
VL3	11176-600-050	COIL-CHIP;LQH3C 100K04	1	
VCE3	11608-106-478	C-ELECTROLYTIC;SRE T 50V 0.47M(3X5)	1	
VCE22	11608-152-101	C-ELECTROLYTIC;SRE T 10V 100M(6.3X5)	1	
VCE4	11608-154-479	C-ELECTROLYTIC;SRE T 25V 4.7M(3X5)	1	
VCE5	11608-173-100	C-ELECTROLYTIC;SRE T 16V 10M(3.5X5)	1	
VXC4A	A1280-0038	CRYSTAL;4.433619MHZ HC-49/U-A 50PPM	1	
VXC4	A1280-0039	CRYSTAL;3.579545MHZ HC-49/U-A 50PPM	1	
VXC5	A1280-0199	CRYSTAL;14.31818MHZ HC-49/U-S +/-0.0	1	
VIC2	A4012-0274	IC-LINEAR;KS5514-02 DIP CMOS	1	
VIC12	B4004-0337	IC-LOGIC;TC4W53F-TE12L SOP 8P	1	

6. Exploded View and Parts List

6-1 Explded View(DV532KV)



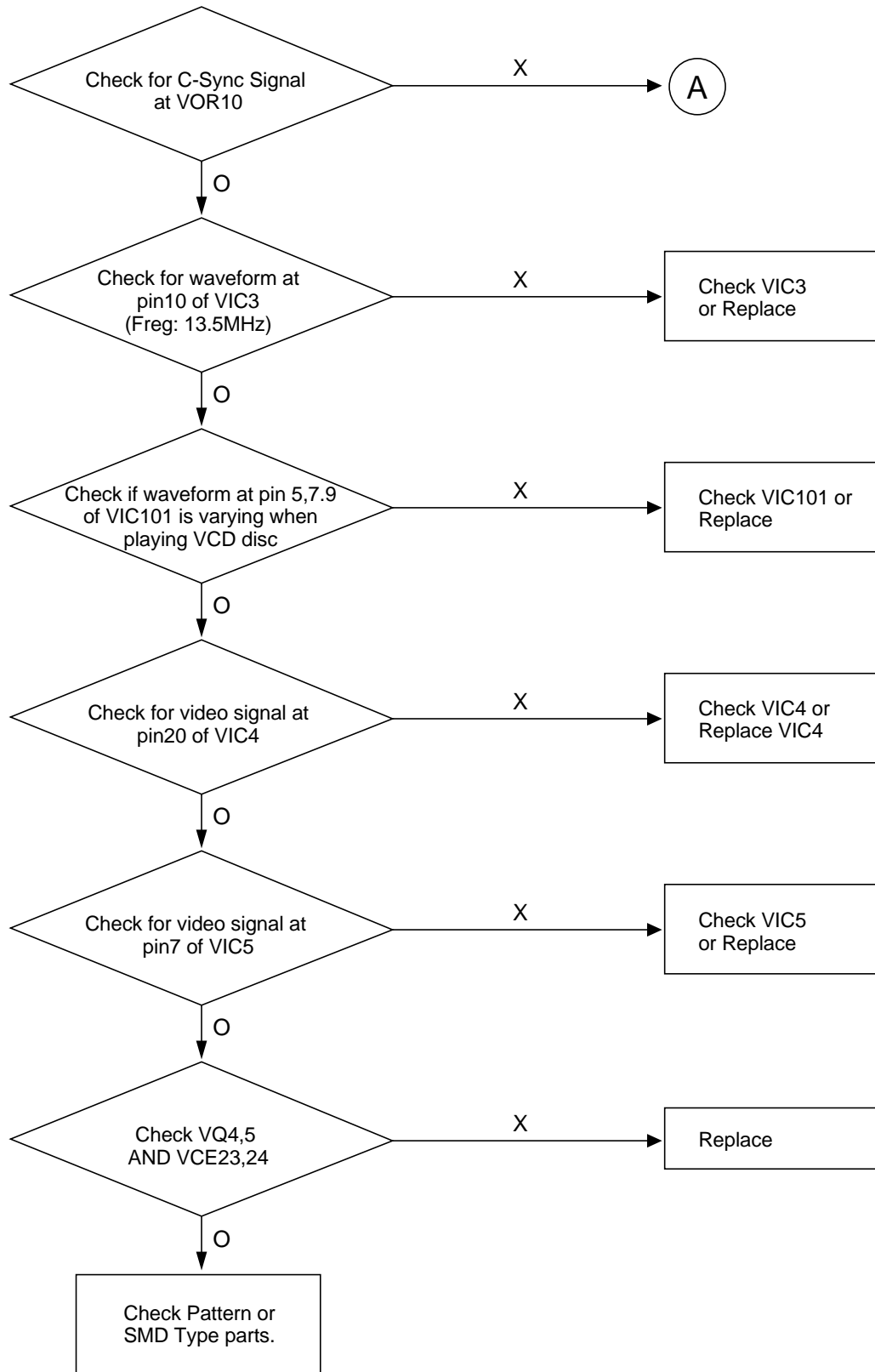
6-2 Explded View(DV735K/DV535K/DV435)



7. Troubleshooting (Option-DV-532KV)

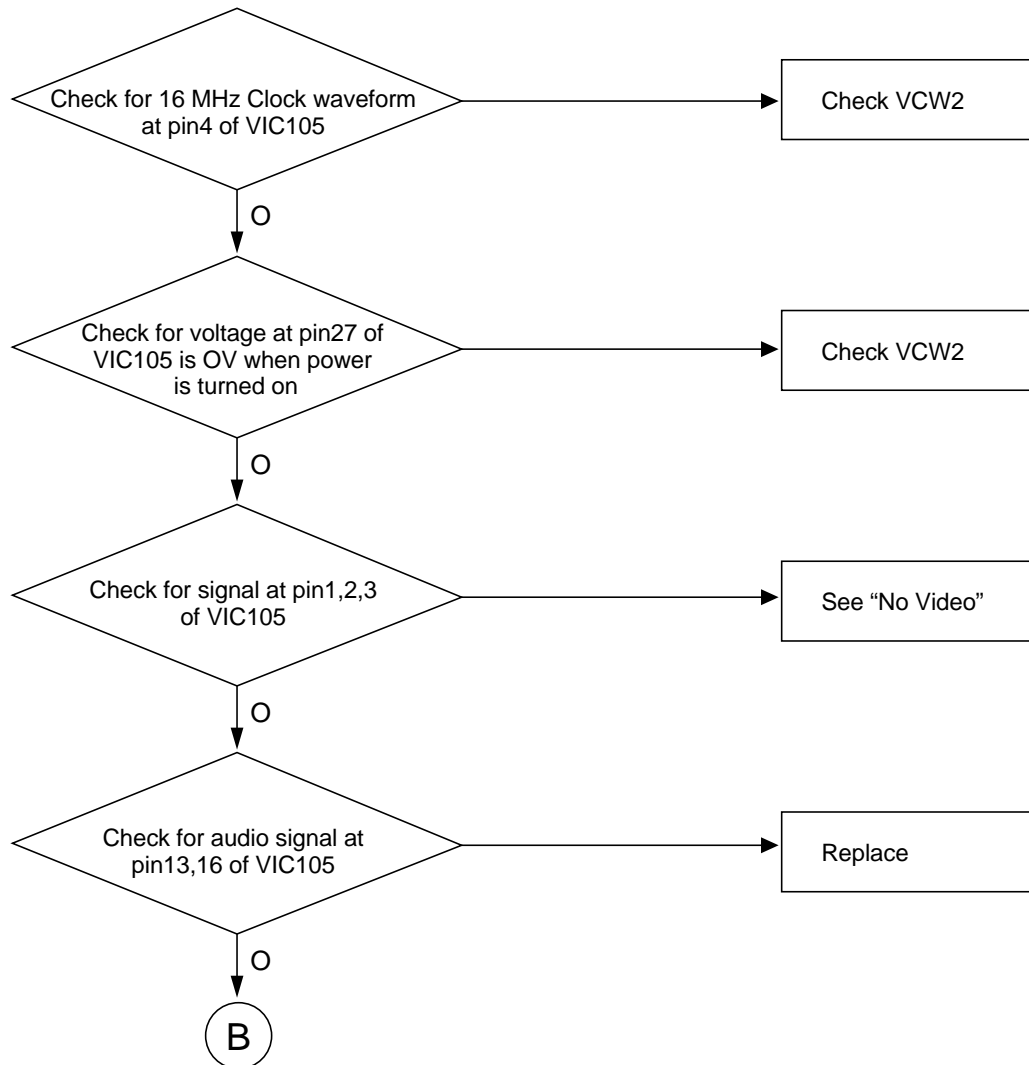
- Check all connection between VCD PCB and Main PCB
- Check all supply voltage (+8V, -8V, +5V, +3.3V)

1. No Video

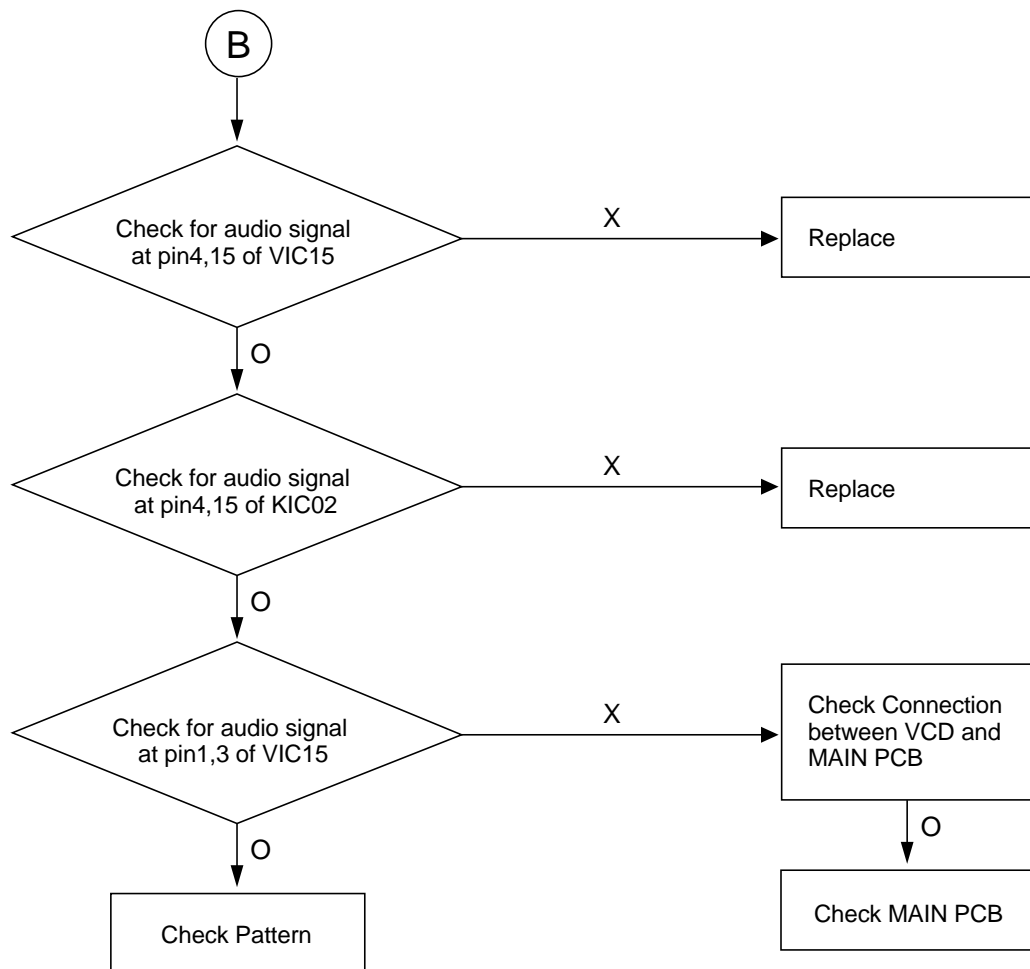


2. No Sound

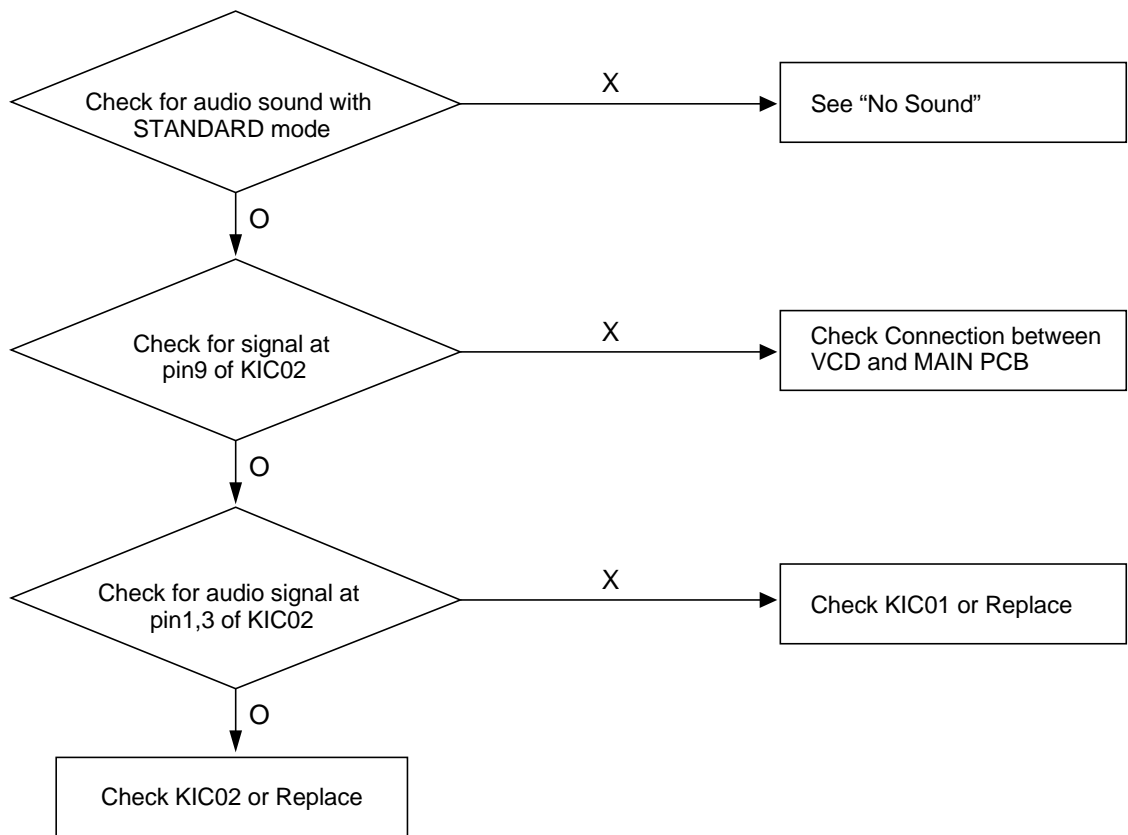
! Digital Sound (VCD1.1, VCD2.0, CD, LD Digital)



@ Analog Audio (LD Analog)



3. Voice Cancel does not work



4. Voice change does not work

